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Census of Maine Manufactures, 1960

Maine Department of Labor and Industry

Maine Division of Research and Statistics

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CENSUS OF MAINE MANUFACTURES 1960



DLI
BULLETIN
No. 285



MAINE
Department of
Labor and Industry
Augusta, Maine

A U T H O R I Z A T I O N

Maine Revised Statutes 1954, c30, §2, as amended: "The department shall collect, assort, and arrange statistical details relating to ... industrial pursuits in the state. The Commissioner ... may ... cause to be printed and distributed bulletins ... that shall be of public interest and benefit to the state."

C O V E R A G E

This survey, insofar as possible, is of universal coverage for Maine manufacturing establishments ranging from the single proprietorships to the largest corporation. The laws of Maine require the filing of the annual "Product and Employment" report from which these data are obtained.

Usable reports covering 2488 establishments were received since the original mailing December 31, 1960. Of these, 223 are in the combined reporting category; 241 either did not operate, went out of business, or began their operations during 1960, and 112 were included only in the establishment count because other data was insufficient or questionable. The coverage of 2488 establishments represents an increase of 25 from the final number of establishments reporting for 1959. Final tabulations, according to the major breakdowns, will appear as usual in the next Census; however, prior experience indicates that final adjustments will affect the total not more than 5%.

Taking into consideration the nature of the Maine economy and the extent of coverage in this survey, the data contained in this, The Census of Maine Manufactures, 1960, represent a comprehensive and valid statistical picture of the Maine manufacturing economy.

T. T. Trott, Jr., Director

N U M B E R O F R E P O R T I N G U N I T S

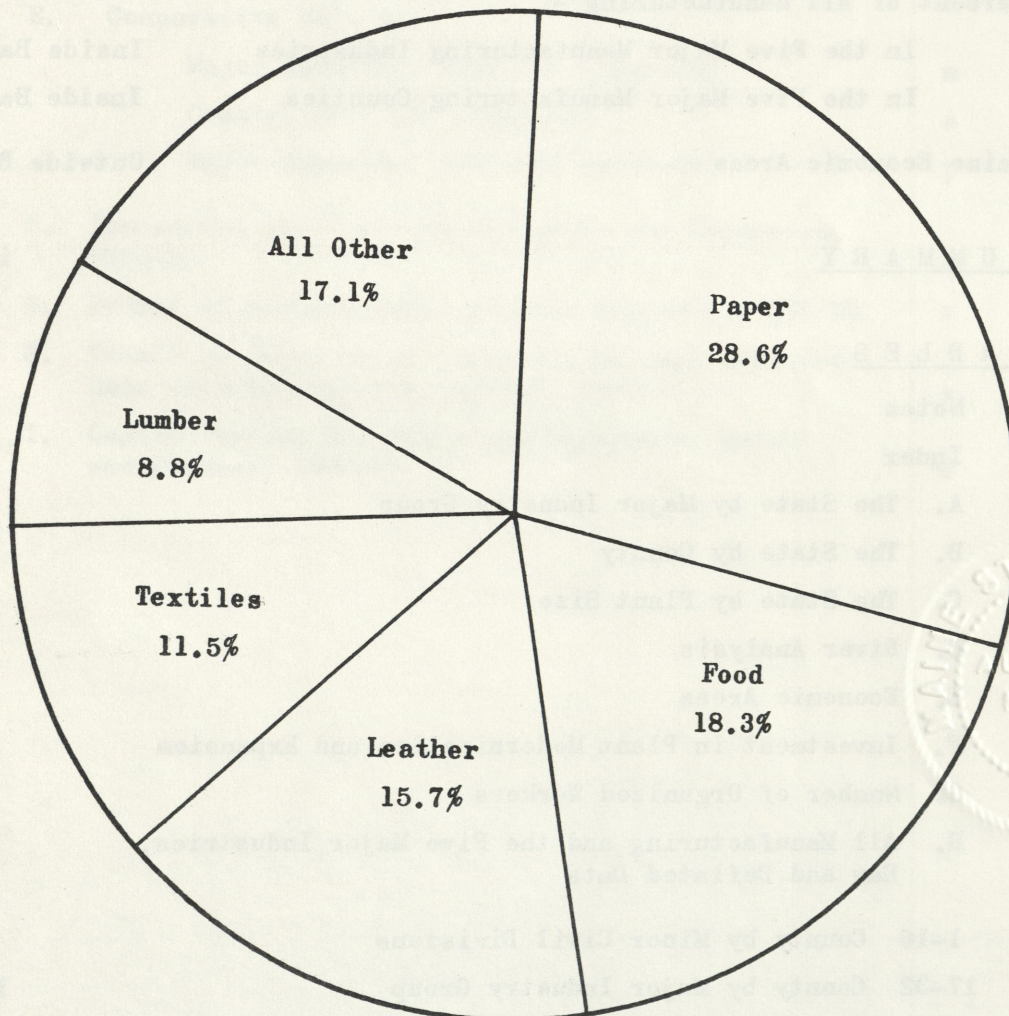
(Year)	(Number)
1960	2488
1959	2463
1958	2417
1957	2215
1956	2106
1955	1936
1954	1802
1953	1798
1952	1764
1951	1691

June 1, 1961



STATE OF MAINE
DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS
AUGUSTA

June 1961



PER CENT DISTRIBUTION OF THE 1.51 BILLION DOLLAR MANUFACTURED PRODUCT, 1960

CENSUS OF MAINE MANUFACTURES - 1960

DLI BULLETIN 285

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CENSUS OF MAINE MANUFACTURES - 1960

SUMMARY

MAINE MANUFACTURED PRODUCT VALUE EXCEEDS 1½ BILLION DOLLARS IN 1960

In 1960, for the first time in the departmental records, the value of product exceeded 1½ billion dollars. The 1960 figure of 1.51 billion dollars was 1.6% higher than the record 1.48 billion dollars worth of product for 1959... a dollar gain of 24 million dollars. The previous record had been established in 1956 when 1.39 billion dollars worth of goods was produced.

PRINCIPAL INDUSTRIES MAINTAIN RELATIVE POSITIONS - PAPER STILL LEADS

At 28.6% of the state total product value or 432 million dollars, the Paper industry easily held first place among the state's manufacturing activities—a position that would be even more enhanced if pulp operations were classified with Paper rather than with Lumber and Wood products. Of the five principal groups—which represent some 83% of the total production—Food increased its product value by 2 million dollars from \$275 millions in 1959 to \$277 millions in 1960; Textiles declined by 20 million dollars from \$194 millions to \$174 in 1959 and 1960, respectively; Lumber and Wood products was up by 15 million dollars from the 1959 figure of \$117 millions to \$132 millions in 1960; Paper increased 35 million dollars from \$397 millions in 1959 to \$432 millions in 1960; and Leather improved approximately 1 million dollars from \$236 millions to \$237 millions in 1959 and 1960, in that order. In addition to the above, Printing, Chemicals, Petroleum and Coal Products, Primary Metals, Electrical and Non-Electrical Machinery all showed product value increases while contractions were reported by Apparel, Furniture, Rubber and Plastics, Stone, Clay, and Glass, Fabricated Metals, Transportation Equipment, Instruments and Miscellaneous Manufacturing.

OXFORD REPLACES YORK IN THE TOP FIVE COUNTIES

With Cumberland and Penobscot Counties holding first and second place as before, Kennebec County in third place this year exchanged positions with Androscoggin.

Oxford County appeared on the top five listing this year for the first time, supplanting a perennial, York County. In the top five counties the product values were as follows: (Millions of dollars) Cumberland—\$250.8; Penobscot—\$213.1; Kennebec—\$177.5; Androscoggin—\$174.4; Oxford—\$108.0. Within this group only Penobscot and Oxford Counties showed increases over 1959. Among the full sixteen counties—eleven reported increased product value from 1959 to 1960; Aroostook, Franklin, Hancock, Lincoln, Oxford, Penobscot, Piscataquis, Somerset, Waldo, Washington and York. The more industrialized counties of Androscoggin, Cumberland, and Kennebec and, in addition, Knox and Sagadahoc reported contractions in the value of goods produced. In this year, 1960, some fifteen minor civil divisions reported product values in excess of 25 million dollars. (in millions of dollars):

Portland	\$ 115.5	Rumford	\$ 56.4	Jay	\$ 33.3
Lewiston	86.8	Augusta	55.8	Belfast	32.4
Millinocket*	71.3	Auburn	53.4	Biddeford	31.3
Westbrook	68.4	Winslow	46.6	Sanford	29.6
Bath	57.0	Madawaska	40.6	Waterville	27.8

(* Includes East Millinocket)

GROSS WAGES PAID INCREASE BY 20 MILLION DOLLARS

Total gross wages paid by Maine manufacturing establishments in 1960 at 431.4 million dollars were 20 million dollars higher than the 1959 figure of 411.3 million dollars. The average gross wages of \$4,023 in 1960 exceeded the 1959 level of \$3,909 by \$114 per worker. The employment figure for 1960 was 107 thousand compared with 105 thousand in 1959, a net increase of 2,000 or 1.9%. During this same period total union membership in Maine manufacturing plants was 45.6 thousand workers or 42.5% of total employment. Union membership was reported in 187 establishments which produced 49.5% of the state's total product value during 1960.

AVERAGE GROSS WAGES EXCEED \$5,000 IN NINE MINOR CIVIL DIVISIONS

Out of approximately 187 published minor civil divisions with three or more manufacturing establishments, 10 reported average gross wages of less than \$2,000; 70 reported \$2-\$3,000; 74, \$3-\$4,000; 18, \$4-\$5,000; 7, \$5-\$6,000; and 2 reported \$6,000 or more. County-wise, York and Sagadahoc were highest in terms of average gross wages with \$5,092 and \$5,036, respectively, while the

lowest were Androscoggin at \$3,177 and Waldo at \$3,077. Industrially, the highest gross wages were paid in Transportation Equipment at \$6,019 with Paper second at \$5,647; on the low side were Apparel at \$2,415 and Leather at \$2,917.

PLANT AND EQUIPMENT EXPENDITURES OF 65 MILLION DOLLARS IN 1960; 1961 AND 1962 PLANS ARE ENCOURAGING

The record plant and equipment expenditure was established in 1957, however, with reported expenditures of \$65.2 millions in 1960, there was a gap of only 29 thousand dollars from that prior record. It is encouraging to note that Maine manufacturers have planned expenditures for 1961 totalling 54.5 million dollars and for 1962 of 21.4 million dollars. These investments should help to keep Maine highly efficient in its productive capacity as better than 75% in each of the three years cited, 1960, 61 and 62 was or is to be expended for machinery and equipment, the balances being for structural additions or modifications. The Paper industry continues to lead in capital expenditures with 36 million dollars in 1960, \$37 million in 1961 and \$14 million in 1962. The total expenditure in 1960 of 65 million dollars was 17 million higher than reported plans for that year at the end of 1959 and the current plans for 1961 are 27 million dollars higher than was estimated for that year in the 1959 Census.

WORK STOPPAGES DECLINE IN NUMBER AND IN WORKERS INVOLVED - TIME LOST INCREASES SLIGHTLY

There were 11 work stoppages reported in the state during 1960 involving 850 workers. In 1959 there were 19 stoppages and 1280 workers involved. On the time lost--the total for all industry in 1960 was 19,500 idle mandays, while in 1959 there had been only 12,500 idle mandays. The increase resulted from stoppages in manufacturing activities where there were only 2 stoppages (5 in 1959) involving 150 workers (360 in 1959) and mandays idle of 15,200 (5,580 in 1959). Despite this increase over 1959 only 5 states had a ratio of time lost to total estimated working time which was equal to or better than Maine's record of .03%, they were Arkansas (.03%); Mississippi (.02%); New Hampshire (.01%); South Carolina (.01%); South Dakota (.02%); the national average was .17%.

In non-manufacturing, construction had 7 stoppages involving 580 workers and 1800 mandays. (Details of Maine stoppages are found in the table following:)

	Year	Number of Stoppages	Number of Workers Involved	Number of Idle Mandays
All Maine Industry	1960	11	850	19 500
	1959	19	1 280	12 500
	1958	15	2 270	28 200
	1957	16	3 740	45 800
	1956	16	1 490	11 900
Manufacturing	1960	2	150	15 200
	1959	5	360	5 580
	1958	3	970	18 300
	1957	7	2 810	39 700
	1956	6	1 020	7 190
All Maine Work	1960	NA	<u>A/</u>	<u>A/</u>
Stoppages as a	1959	"	.1%	<u>A/</u>
Percent of Nat-	1958	"	.1%	.1%
ional Totals	1957	"	.3%	.3%
	1956	"	.1%	<u>A/</u>

NA - Not Applicable

A/ - Less than .05%

All work stoppages known to the Bureau of Labor Statistics and the Department of Labor and Industry involving 8 or more workers and lasting a full day, shift or longer. Indirect or secondary effects of stoppages are not here included.

GOODS PRODUCED LOOM LARGE IN TOTALS

While by no means complete, there is some data available on the quantities of selected items produced in Maine manufacturing establishments. Among the many things produced in Maine during 1960 there were -

- ... more than 2 million tons of pulp, paper, and paperboard
- ... more than 50 million pairs of shoes, 27 million pairs of heels and 93 million square feet of leather
- ... more than 81 million pounds of textile products and some 163 million yards of woven textiles
- ... almost 600 million board feet of lumber and more than $2\frac{1}{4}$ million cords of pulpwood.

C E N S U S O F M A I N E M A N U F A C T U R E S

1 9 6 0

T A B L E S

* * * * *

To save space, industry titles are abbreviated or denoted by the first significant title item (e.g., Food = Food and Kindred Products). Full titles are shown in Appendix A; Major Industry Group descriptions are in Appendix B.

In the tables showing the minor civil divisions of the state the following abbreviations are used:

C = city T = town Twp. = township P = plantation

Certain of the tables contained in this portion of the report present 1960 data for a series including earlier years. The data for those earlier years and a description of the study will be found in the Appendix referred to.

Totals for Major Industry Groups, the Counties, and the Economic Areas are shown only in the summary tables. To facilitate the production of this publication and to save space, the detail tables show only those items which are publishable—neither the major totals nor the balance figure (sometimes designated NEC, NES, or All Others) are shown in the general tables.

The data contained in these pages cover the year 1960 under revised (1957) STANDARD INDUSTRIAL CLASSIFICATION (SIC) system.

We have presented both series through this year, 1960, which provides a 4-year linkage from the old (1945 edition) to the new (1957 edition) system. Only the 1957 system will be used in future issues of the Census. The 1945 system data is presented in Table 51 and in Appendix E.

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<u>County</u>	<u>By Civil Division</u>	<u>By Major Industry</u>	<u>Economic Area</u>	<u>By Major Industry</u>
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Androscoggin	1 7	17 11	1. Ft. Kent, Madawaska	52 18
Aroostook	2 7	18 11	2. Limestone, Caribou	53 18
Cumberland	3 7	19 11	3. Houlton	54 18
Franklin	4 7	20 12	4. Millinocket	55 18
Hancock	5 8	21 12	5. Calais, Baileyville	56 18
Kennebec	6 8	22 12	6. Lubec, Eastport	57 18
Knox	7 8	23 12	7. Machias	58 18
Lincoln	8 8	24 12	8. Jonesport	59 18
Oxford	9 9	25 13	9. Bar Harbor, Southwest- Harbor	60 19
Penobscot	10 9	26 13	10. Stonington	61 19
Piscataquis	11 9	27 13	11. Ellsworth, Bucksport	62 19
Sagadahoc	12 10	28 13	12. Bangor, Old Town	63 19
Somerset	13 10	29 13	13. Lincoln	64 19
Waldo	14 10	30 13	14. Dover-Foxcroft, Guilford	65 19
Washington	15 10	31 14	15. Dexter	66 19
York	16 10	32 14	16. Belfast	67 19
			17. Rockland	68 20
			18. Waldoboro	69 20
			19. Augusta	70 20
			20. Waterville	71 20
			21. Skowhegan	72 20
			22. Farmington, Jay	73 21
			23. Lewiston	74 21
			24. Brunswick, Bath	75 21
			25. Portland	76 21
			26. Rumford	77 22
			27. Norway	78 22
			28. Bridgton, Parsonsfield	79 22
			29. Biddeford	80 22
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Lumber and Wood	36 15
Furniture	37 15
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Printing	39 15
Chemicals	40 15
Rubber and Plastics	41 16
Leather	42 16
Stone, Clay, and Glass	43 16
Primary Metals	44 16
Fabricated Metals	45 16
Machinery	46 16
Electrical Machinery	47 16
Transportation Equipment	48 17
Instruments	49 17
Miscellaneous Manufacturing	50 17
Major Industries, 1945 SIC	51 17

CENSUS OF MAINE MANUFACTURES

1960

ITEM	NUMBER REPORT- ING	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
ALL MANUFACTURING ^{/1}	2 488	1 509 381 044	431 419 762	4 023	107 244	74 846	32 398
A: MAJOR INDUSTRIES (1957 SIC)							
Food	489	276 542 750	36 684 707	3 098	11 843	7 282	4 561
Textiles	73	173 344 678	47 102 908	3 509	13 425	8 045	5 380
Apparel	60	17 429 083	6 378 841	2 415	2 641	343	2 298
Lumber and Wood	1 006	132 308 575	42 428 996	3 326	12 757	10 799	1 958
Furniture	61	11 500 978	3 783 373	3 348	1 130	931	199
Paper	51	432 156 329	96 623 039	5 647	17 109	15 120	1 989
Printing	173	25 299 568	8 896 139	3 873	2 297	1 643	654
Chemicals	51	20 381 518	2 921 799	3 760	777	711	66
Petroleum and Coal Products	5	1 151 307	57 403	3 588	16	16	None
Rubber Products and Plastics	22	8 643 293	2 246 578	3 577	628	530	98
Leather	129	237 051 617	69 173 428	2 917	23 715	10 689	13 026
Stone, Clay, Glass	65	15 553 404	4 142 856	3 999	1 036	967	69
Primary Metals	10	7 164 579	1 657 646	3 828	433	398	35
Fabricated Metals	70	32 023 223	7 352 451	4 971	1 479	1 327	152
Machinery and Ordnance	51	15 338 069	5 381 149	4 477	1 202	1 124	78
Electrical Machinery	18	13 589 789	4 488 205	3 494	1 279	467	812
Transportation Equipment ^{/2}	91	80 202 047	89 497 328	6 109	14 649	13 873	776
Instruments	17	2 194 146	630 811	3 564	177	140	37
Miscellaneous Manufacturing	66	7 506 091	1 992 107	3 080	651	441	210
B: COUNTIES							
Androscoggin	252	174 447 073	49 083 641	3 177	15 452	8 567	6 885
Aroostook	215	90 009 932	15 655 451	4 096	3 822	3 054	768
Cumberland	376	250 832 227	61 005 355	3 985	15 310	10 150	5 160
Franklin	83	55 366 633	13 184 681	3 672	3 591	2 469	1 122
Hancock	107	33 693 118	7 277 632	4 126	1 764	1 313	451
Kennebec	172	177 451 798	35 834 424	3 723	9 624	5 927	3 697
Knox	123	32 286 136	8 213 951	3 207	2 561	1 559	1 002
Lincoln	82	10 818 083	2 731 577	3 221	848	465	383
Oxford	169	108 046 467	31 289 485	4 250	7 362	5 667	1 695
Penobscot	226	213 082 550	49 316 788	4 397	11 217	8 718	2 499
Piscataquis	76	18 892 721	6 289 268	3 426	1 836	1 491	345
Sagadahoc	40	69 548 783	21 154 492	5 036	4 201	3 711	490
Somerset	175	74 731 512	20 936 637	3 291	6 362	4 314	2 048
Waldo	74	44 403 756	6 301 098	3 077	2 048	1 367	681
Washington	125	49 274 505	9 394 602	3 316	2 833	1 914	919
York ^{/2}	193	106 495 750	93 750 680	5 092	18 413	14 160	4 253
C: PLANT SIZE (Plants Employing)							
0 - 50	1 594	219 423 057	44 848 417	2 893	15 501	11 537	3 964
51 - 100	126	121 467 792	28 842 634	3 325	8 675	5 776	2 899
101 - 200	76	150 850 237	34 557 028	3 664	9 380	6 143	3 237
201 - 300	43	127 008 552	31 893 874	3 274	9 743	5 795	3 948
301 - 400	23	92 911 567	24 883 548	3 191	7 797	3 619	4 178
401 - 500	17	112 497 471	25 605 606	3 668	6 981	4 207	2 774
501 - 700	10	108 989 636	27 789 882	4 579	6 069	4 187	1 882
701 - 1000	14	222 605 461	47 566 355	4 281	11 112	7 224	3 888
1001 - 1500	3	55 413 782	17 609 738	4 409	3 994	2 997	997
1501 and Over ^{/2}	6	134 300 988	102 376 471	6 092	16 805	14 537	2 268

C E N S U S O F M A I N E M A N U F A C T U R E S

1 9 6 0

ITEM	NUMBER REPORT- ING	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
C: PLANT SIZE (Continued)							
Combined Reports	223	158 611 304	44 618 257	4 086	10 920	8 606	2 314
Non-operative, New or Out of Business during 1960	241	5 301 197	829 952	3 108	267	218	49
Insufficient or Question- able Data	112	XX	XX	XX	XX	XX	XX
		(000's)	(000's)				
D: RIVER ANALYSIS, 1960							
Androscoggin River	326	286 061	79 324	3 653	21 717	13 386	8 331
Kennebec River	238	213 591	47 303	3 587	13 189	7 929	5 260
Penobscot River	186	196 456	34 875	3 555	9 809	7 300	2 509
Total	750	696 108	161 502	3 612	44 715	28 615	16 100
% of All Manufacturing	30.1	46.1	37.4	XX	41.7	38.2	49.7
E: ECONOMIC AREAS (First civil divi- sion is the population center; the second civil division is the center of manufacturing employment in 1958 if different from the population center.)							
1. Fort Kent - Madawaska	44	45 245	6 496	4 936	1 316	1 174	142
2. Limestone - Caribou	82	27 665	4 629	3 639	1 272	818	454
3. Houlton	51	6 376	1 469	3 200	459	292	167
4. Millinocket	7	71 318	14 621	6 548	2 233	2 222	11
5. Calais - Baileyville	14	19 314	4 567	4 375	1 044	853	191
6. Lube - Eastport	46	17 658	2 676	2 785	961	543	418
7. Machias	18	5 650	767	2 973	258	176	82
8. Jonesport	33	4 664	866	2 082	416	191	225
9. Bar Harbor - Southwest Hbr.	36	5 108	1 386	3 013	460	286	174
10. Stonington	24	1 349	397	2 612	152	98	54
11. Ellsworth - Bucksport	38	26 873	5 320	4 850	1 097	877	220
12. Bangor - Old Town	130	76 752	21 434	3 866	5 544	3 848	1 696
13. Lincoln	27	14 929	3 963	4 827	821	755	66
14. Dover-Foxcroft - Guilford	50	11 477	3 969	3 030	1 310	969	341
15. Dexter	54	46 077	7 666	3 483	2 201	1 543	658
16. Belfast	61	42 201	5 675	3 071	1 848	1 235	613
17. Rockland	124	32 319	8 235	3 204	2 570	1 568	1 002
18. Waldoboro	70	10 658	2 655	3 254	816	435	381
19. Augusta	113	92 635	18 912	3 410	5 546	3 386	2 160
20. Waterville	97	93 722	19 104	4 022	4 750	2 964	1 786
21. Skowhegan	101	55 971	15 905	3 181	5 000	3 038	1 962
22. Farmington - Jay	74	59 388	14 415	3 434	4 198	2 504	1 694
23. Lewiston	245	165 495	46 518	3 201	14 534	8 235	6 299
24. Brunswick - Bath	74	91 654	27 532	4 399	6 259	4 720	1 539
25. Portland	300	222 201	52 542	4 168	12 606	8 724	3 882
26. Rumford	62	66 040	20 468	5 136	3 985	3 387	598
27. Norway	76	34 973	9 405	3 136	2 999	1 919	1 080
28. Bridgton - Parsonsfield	70	8 659	2 540	3 020	841	636	205
29. Biddeford	133	92 030	28 027	3 459	8 103	4 734	3 369
30. Kittery ^{/2}	46	11 911	64 974	6 504	9 990	9 275	715
Total	2300	1 460 312	417 133	4 027	103 589	71 405	32 184
% of All Manufacturing	92.4	96.7	96.7	XX	96.6	95.4	99.3
^{/1} 1945 SIC totals are found in Table 51							
^{/2} Kittery Naval Shipyard included, except Value of Product							

CENSUS OF MAINE MANUFACTURES

1960

ITEM	TABLE F: EXPENDITURES FOR PLANT MODERNIZATION and EQUIPMENT /1			TABLE G: NUMBER OF ORGANIZED WORKERS /2
	ACTUAL 1960 (000's)\$	PLANNED		1960
		1961 (000's)\$	1962 (000's)\$	
GRAND TOTAL	65 152	54 513	21 141	45 630
Food and Kindred Products	6 216	3 316	1 233	1 494
Textile Mill Products	4 187	1 316	341	7 674
Apparel	114	31	22	1 588
Lumber and Wood Products (Logging and Sawmill Establishments)	5 646 (4 000)	3 647 (3 010)	1 839 (1 451)	1 398 NA
Furniture and Fixtures	299	78	82	362
Paper and Allied Products	36 151	37 354	14 082	12 169
Printing, Publishing, etc.	947	869	844	539
Chemicals	569	195	126	385
Petroleum and Rubber Products	118	68	56	279
Leather and Leather Products	3 882	1 041	690	4 381
Stone, Clay, and Glass Products	2 084	630	600	318
Primary Metal Industries	129	222	10	287
Fabricated Metal Products	800	299	325	912
Non-Electrical Machinery	241	306	180	395
Electrical Machinery	875	1 971	477	None
Transportation Equipment /3	2 738	3 105	225	13 288
Instruments	16	19	12	None
Miscellaneous Manufacturing	140	46	16	161
Androscoggin	4 217	3 248	1 630	6 873
Arceostock	8 481	2 959	3 433	882
Cumberland	5 992	5 101	3 794	3 411
Franklin	1 514	457	76	958
Hancock	1 034	11 705	647	656
Kennebec	4 988	5 736	2 064	5 677
Knox	2 024	756	462	886
Lincoln	297	504	264	None
Oxford	12 316	5 089	4 269	3 133
Penobscot	10 882	11 719	2 106	4 788
Piscataquis	790	262	92	190
Sagadahoc	815	594	93	2 775
Somerset	2 524	1 331	813	537
Waldo	617	749	18	733
Washington	3 309	1 438	1 035	623
York /3	5 172	2 865	325	13 508
Establishments Employing:				
0 - 50	7 802	3 157	1 768	591
51 - 100	3 649	1 472	813	1 559
101 - 200	4 228	1 610	1 489	3 194
201 - 300	4 161	3 344	1 125	3 367
301 - 400	1 159	1 057	437	3 084
401 - 500	1 330	1 370	220	2 400
501 - 700	7 373	17 731	2 750	3 384
701 - 1000	11 095	6 862	4 238	7 990
1001 - 1500	5 234	4 623	730	3 710
1501 and Over /3	15 039	10 000	6 500	13 259
Combined Reports	4 062	3 282	1 069	3 092
Non-operative, New or Out of Business during 1960	20	5	2	None

/1 Appendix F and I

/2 See Appendix G. Please note that the organized worker figure is based on one pay period only and is not the average for the year.

/3 Kittery Naval Shipyard included.

TABLE H: ALL MANUFACTURING AND THE FIVE MAJOR INDUSTRIES, 1960, RAW AND DEFLATED DATA (See Appendix H) (1957 SIC)

Industry Group	Wholesale Price Index	Value of Product	Index	Deflated Value of Product	Gross Wages	Deflated Gross Wages	Average Gross Wages	Deflated Average Gross Wages
Maine Manufacturing	Title	(000's)	<u>/1</u> 1947-49=100	(000's)	(000's)	<u>/2</u> (000's)		<u>/2</u>
ALL MANUFACTURING	All Commodities	\$ 1 509 381	119.6	\$ 1 262 024	\$ 431 420	\$ 341 253	\$ 4 023	\$ 3 182
Paper and Allied Products	Pulp, Paper and Allied Products	432 156	133.2	324 441	96 623	76 429	5 647	4 467
Food and Kindred Products	Processed Foods	276 543	107.7	256 772	36 685	29 018	3 098	2 451
Leather and Leather Products	Hides, Skins and Leather Products	237 052	110.3	214 916	69 173	54 716	2 917	2 307
Textile Mill Products	Textiles and Apparel	173 345	96.1	160 380	47 103	37 258	3 509	2 776
Lumber and Wood Products	Lumber and Wood Products	132 309	121.3	109 076	42 429	33 561	3 326	2 631

/1 Average for the 12 months, 1960

/2 Gross and Average Wages are deflated with the index "Purchasing Power of the Dollar," estimated at 79.1 for 1960; 1947-49=100.

CENSUS OF MAINE MANUFACTURES

1960

MINOR CIVIL DIVISION	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 1: ANDROSCOGGIN						
Auburn, C	53 357 856	14 767 946	2 979	5 279	2 623	2 656
Greene, T	162 674	75 765	2 165	35	32	3
Lewiston, C	86 795 958	25 697 531	3 333	7 709	4 413	3 296
Lisbon, T	17 620 552	4 232 080	4 069	1 040	797	243
Livermore Falls, T	8 913 733	2 546 171	2 801	909	332	577
Mechanic Falls, T	5 099 179	1 057 584	4 197	252	203	49
Turner, T	233 543	73 343	2 366	31	11	20
Webster, T	982 906	279 131	2 710	103	77	26
TABLE 2: AROOSTOOK						
Ashland, T	1 351 146	410 489	3 732	110	108	2
Caribou, T	17 207 482	2 463 579	3 733	660	375	285
Eagle Lake, T	1 461 444	519 738	4 191	124	124	None
Fort Fairfield, T	169 778	24 847	3 550	7	7	None
Fort Kent, T	2 344 711	858 964	3 564	241	180	61
Frenoville, T	165 290	41 056	2 737	15	15	None
Houlton, T	4 224 581	941 831	2 965	318	155	163
Island Falls, T	1 059 315	33 403	2 784	12	11	1
Limestone, T	272 510	69 472	3 474	20	18	2
Madawaska, T	40 617 743	4 897 771	5 566	880	799	81
Mars Hill, T	399 776	67 778	4 841	14	13	1
Presque Isle, C	4 647 761	930 525	3 783	246	220	26
Van Buren, T	521 987	121 734	2 969	41	41	None
Washburn, T	3 102 214	598 752	3 086	194	56	138
TABLE 3: CUMBERLAND						
Baldwin, T	634 783	204 708	2 766	74	70	4
Bridgton, T	1 618 320	664 269	3 670	181	130	51
Brunswick, T	12 572 979	2 996 106	2 993	1 001	411	590
Casco, T	509 150	118 133	3 193	37	33	4
Cumberland, T	67 623	29 841	2 713	11	4	7
Falmouth, T	234 498	70 753	2 620	27	26	1
Freeport, T	12 924 850	4 201 871	3 195	1 315	697	618
Gorham, T	694 976	209 945	2 499	84	68	16
Gray, T	27 605	8 677	2 169	4	4	None
Harrison, T	327 911	124 802	2 400	52	43	9
Naples, T	195 790	57 767	3 040	19	19	None
Portland, C	115 525 350	22 778 805	3 685	6 182	4 077	2 105
Scarboro, T	6 093 788	861 847	3 813	226	149	77
South Portland, C	22 808 117	7 015 519	4 872	1 440	1 153	267
Standish, T	649 053	181 881	2 458	74	45	29
Westbrook, C	68 440 525	19 445 400	4 973	3 910	2 855	1 055
Windham, T	1 326 089	640 936	2 638	243	60	183
Yarmouth, T	4 496 663	736 434	2 584	285	174	111
TABLE 4: FRANKLIN						
Eustis, T	898 322	471 673	3 083	153	126	27
Farmington, T	7 783 544	1 729 516	2 645	654	268	386
Jay, T	33 295 313	6 589 539	4 856	1 357	1 073	264
Kingfield, T	653 448	305 799	2 200	139	90	49

C E N S U S O F M A I N E M A N U F A C T U R E S

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MINOR CIVIL DIVISION	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE. \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 4: (continued)						
New Sharon, T	716 079	126 561	3 245	39	29	10
Phillips, T	471 535	231 988	2 974	78	55	23
Rangeley, T	612 597	202 144	3 209	63	55	8
Strong, T	2 097 674	919 753	2 770	332	202	130
Wilton, T	4 512 171	1 549 880	3 009	515	324	191
TABLE 5: HANCOCK						
Bar Harbor, T	185 342	67 841	3 392	20	17	3
Bluehill, T	326 152	136 578	2 678	51	46	5
Bucksport, T	23 768 797	4 283 817	5 909	725	688	37
Ellsworth, C	2 726 512	959 208	2 788	344	164	180
Gouldsboro, T	816 615	189 614	2 562	74	22	52
Mount Desert, T	156 090	62 701	3 688	17	16	1
Penobscot, T	313 008	38 877	2 592	15	13	2
Southwest Harbor, T	1 287 995	474 542	3 122	152	115	37
Stonington, T	570 218	137 731	2 416	57	18	39
Tremont, T	1 082 526	204 941	2 303	89	37	52
TABLE 6: KENNEBEC						
Augusta, C	55 790 794	10 561 162	3 512	3 007	1 986	1 021
Clinton, T	3 615 970	839 093	3 203	262	175	87
Gardiner, C	15 293 783	3 983 646	3 048	1 307	658	649
Hallowell, C	5 356 802	837 556	2 684	312	121	191
Monmouth, T	3 663 957	923 828	4 088	226	156	70
Oakland, T	7 218 835	2 017 821	3 100	651	348	303
Randolph, T	567 386	139 907	3 254	43	26	17
Readfield, T	248 771	88 337	4 908	18	14	4
Vassalboro, T	348 892	102 057	2 916	35	35	None
Waterville, C	27 810 677	8 445 826	3 661	2 307	1 170	1 137
Winslow, T	46 605 043	6 425 461	5 847	1 099	932	167
Winthrop, T	7 731 713	1 307 721	4 463	293	248	45
TABLE 7: KNOX						
Camden, T	5 216 905	2 034 236	3 362	605	378	227
Friendship, T	66 331	16 561	1 840	9	6	3
Rockland, C	14 665 292	3 928 569	3 163	1 242	639	603
Rockport, T	548 266	158 548	2 557	62	32	30
St. George, T	2 044 301	362 231	2 551	142	66	76
Thomaston, T	7 023 417	1 278 273	4 247	301	290	11
Union, T	1 755 246	251 027	2 615	96	80	16
Vinalhaven, T	282 968	68 815	1 464	47	21	26
Warren, T	465 300	65 140	1 761	37	27	10
Washington, T	38 588	17 699	2 212	8	8	None
TABLE 8: LINCOLN						
Boothbay, T	1 078 104	362 494	3 554	102	98	4
Boothbay Harbor, T	887 686	187 570	2 886	65	48	17
Bristol, T	682 903	159 834	3 552	45	40	5
Damariscotta, T	395 545	110 293	3 447	32	28	4

CENSUS OF MAINE MANUFACTURES

1960

MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
	\$	\$	\$	TOTAL	MALE	FEMALE
TABLE 8: LINCOLN (Continued)						
Jefferson, T	45 698	13 165	1 881	7	5	2
Newcastle, T	381 940	74 640	2 764	27	20	7
Waldoboro, T	6 811 830	1 587 851	3 247	489	156	333
Whitefield, T	98 980	54 254	2 466	22	22	None
Wiscasset, T	118 697	60 850	3 043	20	18	2
TABLE 9: OXFORD						
Andover, T	741 858	240 860	2 902	83	72	11
Bethel, T	1 871 238	657 022	2 920	225	174	51
Brownfield, T	37 793	16 040	2 005	8	8	None
Buckfield, T	2 749 145	301 851	2 989	101	77	24
Canton, T	317 470	66 623	2 468	27	22	5
Dixfield, T	6 135 780	2 029 791	3 147	645	369	276
Fryeburg, T	2 558 818	553 663	3 397	163	146	17
Hiram, T	378 357	111 890	2 869	39	39	None
Lincoln, P	503 087	88 308	2 387	37	36	1
Lovell, T	1 005 371	109 568	2 382	46	46	None
Mexico, T	561 056	232 622	3 472	67	53	14
Norway, T	9 479 969	3 570 267	3 008	1 187	559	628
Oxford, T	3 453 974	715 955	3 240	221	165	56
Paris, T	13 667 531	3 097 334	3 299	939	708	231
Peru, T	25 505	15 224	3 045	5	5	None
Rumford, T	56 353 465	17 215 877	5 882	2 927	2 688	239
Waterford, T	693 774	222 069	3 416	65	61	4
West Paris, T	1 425 513	579 531	2 855	203	129	74
Woodstock, T	1 326 238	379 185	2 917	130	101	29
TABLE 10: PENOBSCOT						
Bangor, C	24 464 916	6 952 025	3 556	1 955	1 126	829
Brewer, C	22 738 520	7 048 637	5 115	1 378	1 162	216
Corinna, T	13 437 920	1 571 528	3 295	477	266	211
Dexter, T	15 933 884	4 031 648	3 619	1 114	619	295
Howland, T	2 386 086	712 745	3 494	204	187	17
Lincoln, T	11 449 510	3 100 342	5 411	573	526	47
Milford, T	94 082	16 914	2 416	7	7	None
Millinocket, T /1	71 318 134	14 620 502	6 547	2 233	2 222	11
Newport, T	11 500 036	1 334 535	3 379	395	281	114
Old Town, C	22 280 403	6 495 113	3 392	1 915	1 320	595
Orono, T	5 855 890	585 585	3 018	194	149	45
Patten, T	1 172 000	399 805	3 250	123	103	20
Stetson, T	148 603	31 753	2 887	11	11	None
Winn, T	748 107	39 994	3 076	13	11	2
TABLE 11: PISCATAQUIS						
Brownville, T	236 868	91 842	1 913	48	23	25
Dover-Foxcroft, T	2 943 767	909 991	2 835	321	269	52
Greenville, T	1 119 559	461 831	3 396	136	118	18
Guilford, T	5 287 160	1 762 676	3 055	577	352	225
Milo, T	884 758	403 777	3 542	114	103	11
Monson, T	760 907	257 065	2 735	94	84	10
/1 Also includes East Millinocket, T						

C E N S U S O F M A I N E M A N U F A C T U R E S

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MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
	\$	\$	\$	TOTAL	MALE	FEMALE
TABLE 12: SAGADAHOC						
Bath, C	57 030 308	17 947 543	5 266	3 408	3 165	243
Bowdoinham, T	877 102	136 235	3 406	40	30	10
Richmond, T	3 535 457	911 152	3 278	278	119	159
Topsham, T	7 772 207	2 095 789	4 699	448	379	67
TABLE 13: SOMERSET						
Anson, T	1 253 159	345 748	2 788	124	108	16
Bingham, T	5 097 774	1 930 786	4 082	473	383	90
Detroit, T	3 882 247	235 188	3 459	68	66	2
Fairfield, T	3 805 528	914 386	3 517	280	204	56
Harmony, T	1 553 069	568 618	3 107	183	110	73
Hartland, T	6 528 965	1 938 969	2 868	676	512	164
Jackman, T	556 985	226 754	3 717	61	60	1
Madison, T	8 024 994	2 119 483	4 388	483	440	43
New Portland, T	586 969	357 910	2 983	120	100	20
Norridgewoock, T	4 832 913	1 439 811	3 200	450	184	266
Pittsfield, T	5 530 332	1 537 377	2 651	580	320	260
Skowhegan, T	21 361 079	5 548 283	3 049	1 820	879	941
Solon, T	1 008 455	325 845	2 361	138	44	94
TABLE 14: WALDO						
Belfast, C	32 390 766	3 797 581	2 932	1 295	702	593
Brooks, T	769 217	182 456	3 578	51	51	None
Frankfort,T	586 448	286 296	4 405	65	64	1
Liberty, T	163 058	23 433	1 233	19	15	4
Searsport, T	5 332 669	1 071 000	3 422	313	300	13
Stockton Springs, T	2 083 176	122 612	3 503	35	35	None
Unity, T	345 052	80 450	2 011	40	22	18
TABLE 15: WASHINGTON						
Calais, C	2 528 324	1 195 002	2 988	400	286	114
Cherryfield, T	1 353 813	172 587	2 538	68	43	25
Columbia Falls, T	251 420	58 991	1 843	32	28	4
East Machias, T	45 800	24 106	2 191	11	11	None
Eastport, C	5 602 397	1 380 980	3 042	454	272	182
Jonesport, T	1 479 477	310 794	1 980	157	62	95
Lubec, T	11 315 364	1 132 905	2 653	427	223	204
Machias, T	3 781 516	450 004	3 082	146	110	36
Milbridge, T	1 054 143	236 286	2 148	110	36	74
Pembroke, T	372 998	97 236	1 736	56	25	31
TABLE 16: YORK						
Berwick, T	4 608 072	714 960	4 281	167	160	7
Biddeford, C	31 293 614	9 429 982	3 761	2 507	1 308	1 199
Buxton, T	1 047 899	317 793	3 381	94	93	1
Eliot, T	227 747	88 662	4 030	22	22	None
Hollis, T	267 086	75 446	1 640	46	45	1
Kennebunk, T	9 999 400	3 018 737	2 808	1 075	445	630
Kennebunkport, T	195 209	37 614	2 701	14	14	None

CENSUS OF MAINE MANUFACTURES

1960

MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
	\$	\$	\$	TOTAL	MALE	FEMALE
TABLE 16: YORK (Continued)						
Kittery, T ¹	129 533	62 078 725	6 766	9 176	8 729	447
Lebanon, T	106 671	24 892	2 489	10	10	None
North Berwick, T	1 720 916	496 170	3 398	146	130	16
Parsonsfield, T	2 185 399	569 381	2 711	210	130	80
Saco, C	17 337 699	5 718 825	3 901	1 466	1 112	354
Sanford, T	29 620 824	8 658 357	3 230	2 681	1 532	1 149
South Berwick, T	4 693 733	1 472 215	3 416	431	188	243
Waterboro, T	933 231	432 956	4 245	102	81	21
Wells, T	127 067	38 054	2 927	13	13	None
York, T	393 804	80 842	2 450	33	31	2
INDUSTRY						
TABLE 17: ANDROSCOGGIN						
Foods	20 337 193	2 507 331	3 273	766	559	207
Textiles	54 363 192	18 184 527	3 527	5 156	3 090	2 066
Apparel	282 383	133 783	2 158	62	12	50
Lumber and Wood	2 186 299	504 837	2 602	194	183	11
Furniture	1 428 061	424 852	2 890	147	138	9
Paper	10 202 092	2 074 022	4 558	455	389	66
Printing	4 993 409	1 522 652	3 146	484	296	188
Chemicals	494 051	170 478	3 706	46	30	16
Rubber	2 459 016	610 518	2 964	206	151	55
Leather	65 279 780	18 576 888	2 729	6 807	2 853	3 954
Stone, Clay and Glass	2 831 377	873 602	3 580	244	200	44
Primary Metals	2 616 822	562 568	3 271	172	151	21
Fabricated Metals	2 164 248	992 442	4 259	233	222	11
Non-Electrical Machinery	674 619	325 169	4 169	78	70	8
Misc. Manufacturing	2 263 505	602 445	4 273	141	124	17
TABLE 18: AROOSTOOK						
Foods	23 716 415	3 527 596	3 556	992	584	428
Lumber and Wood	17 200 162	5 768 565	3 911	1 475	1 462	13
Paper	42 778 060	5 127 985	5 450	941	835	106
Printing	439 540	168 624	4 015	42	29	13
Chemicals	3 029 905	331 311	4 359	76	70	6
Non-Electrical Machinery	757 163	224 147	3 865	58	56	2
TABLE 19: CUMBERLAND						
Foods	83 444 990	11 935 942	3 293	3 625	2 300	1 325
Textiles	1 635 363	390 413	2 519	155	46	109
Apparel	7 055 951	1 517 236	2 338	649	79	570
Lumber and Wood	7 647 398	2 338 810	3 204	730	596	134
Furniture	2 864 955	932 444	3 657	255	218	37
Paper	60 691 912	17 396 300	5 309	3 277	2 519	758
Printing	8 959 382	3 211 889	4 139	776	585	191
Chemicals	2 552 090	293 260	4 377	67	61	6
Leather	26 865 911	8 252 322	3 040	2 715	1 241	1 474
Stone, Clay, and Glass	2 503 302	762 776	3 932	194	187	7
Fabricated Metals	22 510 733	4 751 362	5 596	849	751	98

CENSUS OF MAINE MANUFACTURES

1960

INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 19: CUMBERLAND (Continued)						
Non-Electrical Machinery	1 028 484	862 486	5 136	129	120	9
Electrical Machinery	3 187 445	1 308 469	3 489	375	186	189
Transportation Equipment	13 182 824	5 615 371	5 374	1 045	935	110
Instruments	296 477	95 163	3 807	24	19	5
Misc. Manufacturing	1 227 093	532 144	2 475	215	91	124
TABLE 20: FRANKLIN						
Foods	2 846 346	277 838	2 724	102	73	29
Lumber and Wood	10 643 521	3 805 682	3 045	1 250	923	327
Printing	490 199	137 453	2 925	47	37	10
Leather	12 779 921	3 751 553	2 970	1 263	531	732
TABLE 21: HANCOCK						
Foods	5 623 176	984 997	2 379	414	178	236
Lumber and Wood	2 975 533	931 112	3 156	295	287	8
Printing	193 954	71 369	3 756	19	14	5
Stone, Clay and Glass	169 823	55 698	2 785	20	16	4
Transportation Equipment	771 712	424 821	3 727	114	109	5
TABLE 22: KENNEBEC						
Foods	37 125 403	3 114 013	3 309	941	664	277
Textiles	33 615 366	9 117 225	3 656	2 494	1 695	799
Apparel	3 674 863	2 481 586	2 532	980	132	848
Lumber and Wood	5 487 222	1 816 292	2 860	635	397	238
Paper	71 667 066	12 384 381	5 482	2 259	1 766	493
Printing	2 893 869	1 167 671	4 231	276	207	69
Leather	18 819 729	4 775 107	2 689	1 776	832	944
Fabricated Metals	2 028 767	358 964	3 485	103	89	14
Instruments	320 315	69 346	4 623	15	12	3
Misc. Manufacturing	1 087 139	296 507	4 118	72	70	2
TABLE 23: KNOX						
Foods	10 333 155	2 542 885	2 752	924	437	487
Textiles	2 761 772	1 069 393	3 183	336	218	118
Apparel	2 713 802	759 058	2 489	305	47	258
Lumber and Wood	698 465	144 936	2 338	62	58	4
Printing	1 640 724	437 231	3 869	113	77	36
Chemicals	3 237 787	620 764	3 832	162	153	9
Stone, Clay, and Glass	6 903 076	1 333 028	4 629	288	287	1
Transportation Equipment	913 207	287 013	2 899	99	92	7
TABLE 24: LINCOLN						
Foods	2 581 718	386 195	2 508	154	87	67
Lumber and Wood	678 280	179 719	2 275	79	77	2
Printing	149 219	75 530	3 284	23	16	7
Transportation Equipment	1 720 119	584 769	3 725	157	151	6

CENSUS OF MAINE MANUFACTURES

1960

INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 25: OXFORD						
Foods	8 712 815	989 920	2 937	337	206	131
Lumber and Wood	24 617 259	7 423 582	3 240	2 291	1 725	566
Printing	252 813	98 022	2 649	37	26	11
Leather	15 183 756	4 375 293	3 164	1 383	717	666
Misc. Manufacturing	202 498	53 224	2 047	26	10	16
TABLE 26: PENOBSCOT						
Foods	25 301 100	3 541 769	3 705	956	730	226
Textiles	25 994 616	4 024 869	3 162	1 273	811	462
Apparel	132 053	49 143	3 071	16	13	3
Lumber and Wood	13 392 589	3 936 805	3 453	1 140	1 001	139
Furniture	510 405	119 312	3 140	38	18	20
Paper	108 365 628	25 804 392	6 060	4 258	4 098	160
Printing	3 830 665	1 419 845	4 595	309	235	74
Leather	23 167 426	7 254 619	3 029	2 395	1 048	1 347
Stone, Clay, and Glass	1 001 938	295 507	4 411	67	64	3
Fabricated Metals	228 428	75 712	2 704	28	25	3
Transportation Equipment	1 316 371	503 757	2 929	172	154	18
Misc. Manufacturing	1 474 126	152 960	3 059	50	45	5
TABLE 27: PISCATAQUIS						
Foods	221 346	50 564	3 371	15	14	1
Lumber and Wood	13 289 438	4 385 505	3 577	1 226	1 023	203
TABLE 28: SAGADAHOC						
Foods	1 637 711	278 758	2 467	113	73	40
Lumber and Wood	534 936	141 921	3 225	44	44	None
Printing	223 497	117 601	4 200	28	21	7
Fabricated Metals	374 063	110 649	4 256	26	22	4
TABLE 29: SOMERSET						
Foods	6 107 689	806 580	2 408	335	204	131
Textiles	8 219 569	1 534 115	3 002	511	356	155
Lumber and Wood	20 404 605	7 264 252	3 578	2 030	1 783	247
Paper	7 911 799	2 108 159	5 142	410	395	15
Printing	158 563	76 177	3 463	22	19	3
Leather	27 352 235	8 409 718	3 026	2 779	1 384	1 395
Transportation Equipment	176 888	49 185	4 099	12	11	1
Misc. Manufacturing	353 937	82 869	2 125	39	34	5
TABLE 30: WALDO						
Foods	29 343 467	2 710 656	3 208	845	513	332
Apparel	692 989	336 971	2 612	129	22	107
Lumber and Wood	1 872 721	571 169	2 694	212	209	3
Printing	120 409	37 508	2 501	15	9	6
Chemicals	7 084 085	1 124 404	3 514	320	307	13

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INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE. \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 31: WASHINGTON						
Foods	17 620 195	2 347 300	2 105	1 115	499	616
Lumber and Wood	6 717 889	2 002 426	3 178	630	588	42
Printing	137 207	48 099	3 700	13	10	3
Chemicals	1 670 100	207 718	3 644	57	53	4
TABLE 32: YORK						
Foods	3 590 031	682 363	3 264	209	181	28
Textiles	33 267 056	9 221 902	3 779	2 440	1 229	1 211
Apparel	563 025	437 549	2 255	194	8	186
Lumber and Wood	3 962 278	1 213 383	2 615	464	443	21
Furniture	2 852 960	1 114 121	3 738	298	234	64
Printing	762 870	286 233	3 367	85	55	30
Rubber and Plastics	5 367 654	1 478 297	3 791	390	348	42
Leather	38 472 138	11 109 874	3 030	3 667	1 610	2 057
Stone, Clay, and Glass	974 001	326 369	3 885	84	81	3
Fabricated Metals	1 433 111	467 858	3 867	121	109	12
Non-Electrical Machinery	865 576	319 816	4 381	73	67	6
Transportation Equipment <u>/1</u>	11 328 154	66 165 079	6 534	10 126	9 602	524
1957 Standard Industrial Classification						
TABLE 33: FOOD						
2011 Meat Packing	3 692 130	124 696	3 117	40	38	2
2013 Sausages	5 067 816	1 129 123	3 841	294	230	64
2015 Poultry	58 042 632	4 424 365	3 012	1 469	838	631
202 Dairy Products	58 823 127	5 114 798	3 640	1 405	1 243	162
2031 Canned & Cured Sea Foods	21 595 235	4 227 907	2 091	2 022	702	1 320
2032 Canned Specialties	2 543 252	484 746	2 634	184	90	94
2033 Canned Fruits, Veg., etc.	24 474 886	3 759 153	3 122	1 204	711	493
2035 Pickled Fruits, Veg., etc.	633 846	136 025	2 957	46	31	15
2036 Fresh or Frozen Packaged Fish	12 269 858	2 848 395	2 744	1 038	545	493
2037 Frozen Fruits, Vegetables and Specialties	19 616 155	3 615 416	3 263	1 108	500	608
2041,2 Grain Mill Products	26 302 282	1 154 199	4 152	278	255	23
2046 Starch	2 679 563	389 574	4 058	96	90	6
2051 Bread, Bakery Products	25 631 974	6 003 674	3 529	1 701	1 245	456
2071 Candy	428 684	100 191	2 330	43	16	27
208 Beverages	11 460 659	1 907 213	3 280	585	492	93
2094 Grease and Tallow	1 259 985	317 525	4 811	66	64	2
2095 Fats and Oils	655 621	152 537	4 486	34	34	None
2097,9 Ice & Misc. Food Preparations	3 365 045	796 170	3 462	230	158	72
TABLE 34: TEXTILES						
221 Broad Woven - Cotton	68 531 603	23 512 780	3 605	6 522	3 788	2 734
222 Broad Woven - Silk and Synthetics	4 284 753	634 384	3 321	191	125	66
223 Broad Woven - Woolens	68 647 306	15 749 137	3 517	4 478	3 043	1 445
227 Floor Covering Mills	1 335 819	285 465	2 619	109	36	73
228 Yarn & Thread Mills	11 672 586	2 266 729	3 071	738	288	450

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INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 34: TEXTILES (Continued)						
2294 Processed Waste	8 976 284	1 767 536	3 179	556	398	158
2298 Cordage & Twine	289 493	25 539	1 965	13	5	8
TABLE 35: APPAREL						
232 Men's, Youths', Boys' Furnishings	3 714 823	2 432 764	2 561	950	147	803
233 Women's, Misses', and Juniors' Outerwear	1 570 244	1 082 009	2 181	496	22	474
2341 Women's, Misses', Children's, Infants' Underwear	819 834	248 835	1 843	135	13	122
236 Girls', Children's, Infants' Outerwear	6 466 906	1 361 879	2 364	576	46	530
238 Misc. Apparel & Accessories	2 530 808	634 345	2 621	242	39	203
239 Misc. Fabricated Textile Products	615 277	186 721	2 964	63	48	15
TABLE 36: LUMBER AND WOOD						
2411 Logging Camps & Contractors	56 048 451	17 303 994	3 989	4 338	4 286	52
242 Sawmills and Planing Mills	28 255 358	7 813 658	2 877	2 716	2 647	69
2431 Millwork Plants	3 623 673	1 004 740	3 200	314	294	20
2432 Plywood Plants	5 091 844	1 873 486	3 792	494	373	121
2433 Prefab. Wooden Bldgs., etc.	270 781	65 006	2 955	22	19	3
244 Wooden Containers	1 434 534	421 308	2 667	158	152	6
249 Misc. Wood Products	37 583 934	13 946 804	2 958	4 715	3 028	1 687
TABLE 37: FURNITURE AND FIXTURES						
2511,2 Wood Household Furniture	6 298 253	2 147 231	3 076	698	581	117
2515 Mattresses and Bedsprings	1 072 902	203 292	4 728	43	28	15
2541 Partitions, etc., Store Fixtures	3 935 646	1 374 078	3 704	371	306	65
TABLE 38: PAPER AND ALLIED PRODUCTS						
261 Pulp Mills	15 107 468	4 261 742	5 301	804	785	19
262 Paper Mills, except building Paper Mills	389 724 685	86 381 588	5 787	14 926	13 421	1 505
2646 Pressed & Molded Pulp Goods	14 708 149	3 636 155	4 656	781	487	294
265 Paperboard Containers and Boxes	6 472 930	1 303 981	3 602	362	223	139
TABLE 39: PRINTING, PUBLISHING AND ALLIED INDUSTRIES						
271 Newspapers	15 800 521	6 390 667	4 275	1 495	1 102	393
275 Commercial Printing	8 609 226	2 123 686	3 025	702	477	225
279 Service Industries for the Printing Trade	335 124	184 136	4 491	41	35	6
TABLE 40: CHEMICAL & ALLIED PRODUCTS						
281 Industrial Chemicals	4 730 614	1 102 474	3 639	303	286	17

CENSUS OF MAINE MANUFACTURES

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INDUSTRY		VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
TABLE 40: CHEMICALS (Continued)							
2833	Medicinal Chemicals	4 410 729	654 292	4 167	157	149	8
287	Fertilizers	10 522 829	1 000 502	3 893	257	241	16
289	Misc. Chemical Products	175 126	50 657	2 303	22	9	13
TABLE 41: RUBBER AND PLASTICS							
301-6	Rubber Products	1 960 445	439 797	3 210	137	113	24
307	Plastics Products	6 682 848	1 806 781	3 680	491	417	74
TABLE 42: LEATHER & LEATHER PRODUCTS							
3111	Leather Tanning & Finishing	21 640 025	5 582 995	3 659	1 526	1 379	147
3131	Boot, Shoe Cut Stock & Findings	14 905 005	4 015 654	2 638	1 522	721	801
3141	Footwear, except House Slippers and Rubber Footwear	198 850 839	59 194 643	2 886	20 514	8 534	11 980
TABLE 43: STONE, CLAY, AND GLASS PRODUCTS							
325	Structural Clay Products	704 905	310 082	3 101	100	99	1
327	Concrete, etc. Products	6 520 561	1 813 831	4 238	428	412	16
3281	Cut Stone, Stone Products	1 386 175	712 934	3 792	188	181	7
3295	Minerals and Earths	128 696	59 706	2 488	24	20	4
TABLE 44: PRIMARY METALS INDUSTRIES							
332	Iron and Steel Foundries	1 048 994	375 083	3 505	107	102	5
TABLE 45: FABRICATED METAL PRODUCTS							
3423	Hand and Edge Tools	1 791 790	572 263	3 289	174	161	13
3441	Structural Steel	9 847 403	1 628 027	4 994	326	310	16
3442	Metal Doors, Sash, Frames, etc.	843 139	230 982	3 554	65	59	6
3443	Fabricated Plate Work	2 286 529	826 593	5 474	151	146	5
3444	Sheet Metal Work	2 468 565	1 017 865	4 691	217	201	16
349	Misc. Fabricated Metal Prods.	445 727	173 814	4 574	38	32	6
TABLE 46: MACHINERY AND ORDNANCE							
352	Farm Machinery & Equipment	839 981	249 832	3 785	66	62	4
3531	Construction Machinery and Equipment	3 689 002	1 563 491	5 177	302	286	16
354	Metal Working Machinery and Equipment	1 941 076	973 576	4 917	198	185	13
3553	Woodworking Machinery	335 069	190 680	4 334	44	38	6
3591	Machine Shops, Jobbing and Repair	1 067 973	433 679	3 872	112	108	4
TABLE 47: ELECTRICAL MACHINERY							
366	Communication Equipment	6 122 701	1 813 197	3 648	497	313	184

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INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS			
				TOTAL	MALE	FEMALE	
TABLE 48: TRANSPORTATION EQUIPMENT							
371 Motor Vehicles & Equipment	9 976 755	3 757 111	4 420	850	771	79	
372 Aircraft and Parts	12 547 558	5 327 281	5 122	1 040	919	121	
3731 Ship Building ^{/1}	53 903 552	78 983 197	6 411	12 320	11 762	558	
3732 Boat Building	3 774 182	1 429 739	3 257	439	421	18	
TABLE 49: INSTRUMENTS							
385 Ophthalmic Goods	1 003 137	277 720	3 753	74	60	14	
TABLE 50: MISCELLANEOUS MANUFACTURING							
391 Jewelry, Silverware, etc.	41 083	12 953	2 591	5	2	3	
394 Toys, Sporting & Athletic Goods	1 171 027	324 951	2 425	134	83	51	
3981 Brooms and Brushes	482 458	279 625	2 118	132	42	90	
3988 Morticians' Goods	297 018	93 902	2 538	37	30	7	
3993 Signs and Displays	448 206	224 600	4 883	46	39	7	
3999 Manufacturing, NEC	1 581 532	193 078	3 185	61	51	10	
1945 STANDARD INDUSTRIAL CLASSIFICATION							
TABLE 51: GRAND TOTAL	2 331 **	1 464 966 878	426 017 711	4 027	105 778	73 583	32 195
Food	316	233 473 896	31 721 840	3 024	10 491	6 127	4 364
Textiles	71	175 585 916	47 676 871	3 527	13 518	8 194	5 324
Apparel	66	17 979 423	6 565 682	2 410	2 724	360	2 364
Lumber and Wood	1 005	132 305 185	42 428 996	3 326	12 757	10 799	1 958
Furniture	59	8 683 286	2 677 610	3 207	835	701	134
Paper	51	432 156 329	96 623 039	5 647	17 109	15 120	1 989
Printing	173	25 299 568	8 896 139	3 873	2 297	1 643	654
Chemicals	51	21 302 124	3 294 766	3 895	846	780	66
Petroleum & Coal Prods.	5	1 151 307	57 403	3 588	16	16	None
Rubber Products	9	1 893 310	431 697	3 270	132	110	22
Leather	130	237 446 909	69 237 020	2 917	23 736	10 706	13 030
Stone, Clay, Glass	56	12 292 486	3 233 610	3 934	822	761	61
Primary Metals	8	3 174 166	747 485	3 445	217	196	21
Fabricated Metals	73	36 061 556	8 297 382	4 869	1 704	1 538	166
Machinery & Ordnance	52	17 456 373	6 032 574	4 495	1 342	1 251	91
Electrical Machinery	18	13 490 487	4 431 229	3 489	1 270	459	811
Transportation Equipment ^{/1}	89	78 135 125	88 848 109	6 124	14 509	13 745	764
Instruments	17	2 194 146	630 811	3 564	177	140	37
Misc. Manufacturing	82	14 885 286	4 185 448	3 280	1 276	937	339
^{/1} Kittery Naval Shipyard included, except Value of Product							

** Number of Reporting Establishments

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E C O N O M I C A R E A S INDUSTRY	VALUE OF PRODUCT \$ (000's)	GROSS WAGES \$ (000's)	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>TABLE 52: 1. FORT KENT, MADAWASKA</u>						
Food	654	119	2 975	40	38	2
Lumber and Wood	3 138	1 335	4 248	319	319	None
<u>TABLE 53: 2. LIMESTONE, CARIBOU</u>						
Food	20 055	3 093	3 584	863	450	413
Lumber and Wood	1 812	629	3 475	181	179	2
Paper	2 408	271	3 662	74	49	25
Printing	307	109	3 759	29	24	5
Chemicals	2 278	289	4 587	63	57	6
Machinery	748	224	3 862	58	56	2
<u>TABLE 54: 3. HOULTON</u>						
Food	3 007	316	3 551	89	78	13
Lumber and Wood	1 534	748	3 703	202	195	7
<u>TABLE 55: 4. MILLINOCKET</u>						
<u>TABLE 56: 5. CALAIS, BAILEYVILLE</u>						
Food	1 081	194	2 021	96	38	58
Lumber and Wood	3 014	1 107	3 459	320	310	10
<u>TABLE 57: 6. LUBEC, EASTPORT</u>						
Food	10 566	1 115	2 084	535	254	281
Lumber and Wood	196	62	1 442	43	18	25
Chemicals	1 670	208	3 649	57	53	4
<u>TABLE 58: 7. MACHIAS</u>						
Food	1 563	263	2 369	111	58	53
Lumber and Wood	1 322	239	3 104	77	74	3
<u>TABLE 59: 8. JONESPORT</u>						
Food	4 411	775	2 078	373	149	224
Lumber and Wood	203	76	2 111	36	35	1
Transportation Equipment	40	10	2 000	5	5	None
<u>TABLE 60: 9. BAR HARBOR, SOUTHWEST HARBOR</u>						
Food	3 232	587	2 406	244	93	151
Lumber and Wood	403	204	3 778	54	54	None
Transportation Equipment	582	356	3 787	94	90	4

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ECONOMIC AREAS INDUSTRY	VALUE OF PRODUCT \$ (000's)	GROSS WAGES \$ (000's)	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 61: 10. STONINGTON						
Food	808	174	2 384	73	26	47
Lumber and Wood	322	138	2 654	52	50	2
Transportation Equipment	179	69	3 450	20	19	1
TABLE 62: 11. ELLSWORTH, BUCKSPORT						
Food	1 583	223	2 299	97	59	38
Lumber and Wood	1 886	415	3 097	134	131	3
Printing	98	40	3 333	12	9	3
TABLE 63: 12. BANGOR, OLD TOWN						
Food	13 074	2 502	3 873	646	555	91
Textiles and Apparel	9 689	1 541	3 033	508	283	225
Lumber and Wood	2 719	1 025	3 006	341	323	18
Furniture	469	110	3 235	34	14	20
Paper	26 388	8 374	5 466	1 532	1 407	125
Printing	3 741	1 398	4 660	300	230	70
Leather	16 332	5 369	2 915	1 842	729	1 113
Stone, Clay, and Glass	1 002	296	4 418	67	64	3
Fabricated Metal	228	76	2 714	28	25	3
Transportation Equipment	1 316	504	2 930	172	154	18
Miscellaneous Manufacturing	1 471	153	3 060	50	45	5
TABLE 64: 13. LINCOLN						
Lumber and Wood	1 548	379	3 610	105	100	5
TABLE 65: 14. DOVER-FOXCROFT, QUILFORD						
Food	221	51	3 400	15	14	1
Lumber and Wood	5 874	2 065	2 950	700	501	199
Printing	54	20	2 500	8	7	1
TABLE 66: 15. DEXTER						
Food	13 969	996	3 354	297	169	128
Textiles	16 251	2 439	3 265	747	529	218
Lumber and Wood	1 445	521	3 012	173	154	19
Printing	76	21	2 333	9	5	4
TABLE 67: 16. BELFAST						
Food	28 317	2 555	3 259	784	482	302
Apparel	693	337	2 612	129	22	107
Lumber and Wood	1 512	461	2 680	172	170	2
Printing	120	38	2 533	15	9	6
Chemicals	7 084	1 124	3 513	320	307	13

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E C O N O M I C A R E A S INDUSTRY	VALUE OF PRODUCT \$ (000's)	GROSS WAGES \$ (000's)	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 68: 17. ROCKLAND						
Food	10 333	2 543	2 752	924	437	487
Textiles	2 762	1 069	3 182	336	218	118
Apparel	2 714	759	2 489	305	47	258
Lumber and Wood	731	166	2 338	71	67	4
Printing	1 641	437	3 867	113	77	36
Chemicals	3 238	621	3 833	162	153	9
Stone, Clay and Glass	6 903	1 333	4 628	288	287	1
Fabricated Metals	659	138	3 450	40	37	3
Machinery	419	87	3 783	23	21	2
Transportation Equipment	913	287	2 899	99	92	7
TABLE 69: 18. WALDOBORO						
Food	2 581	386	2 506	154	87	67
Lumber and Wood	555	109	2 096	52	50	2
Printing	149	76	3 304	23	16	7
Electrical Machinery	5 049	1 388	3 813	364	94	270
Transportation Equipment	1 720	585	3 726	157	151	6
TABLE 70. 19. AUGUSTA						
Food	22 778	1 604	2 145	496	334	162
Textiles and Apparel	23 554	6 852	3 541	1 935	1 167	768
Lumber and Wood	1 489	450	2 727	165	159	6
Paper	19 186	3 445	4 957	695	568	127
Printing	1 657	642	3 988	161	117	44
Leather	20 410	5 211	2 728	1 910	874	1 036
Fabricated Metals	1 582	227	4 127	55	47	8
Miscellaneous Manufacturing	1 083	296	4 111	72	70	2
TABLE 71: 20. WATERVILLE						
Food	16 060	1 756	3 264	538	388	150
Textiles and Apparel	16 471	5 425	3 075	1 764	783	981
Lumber and Wood	4 523	1 561	2 885	541	308	233
Paper	53 943	9 366	5 690	1 646	1 273	373
Printing	1 276	539	4 529	119	94	25
Fabricated Metals	447	132	2 750	48	42	6
Transportation Equipment	47	17	2 833	6	5	1
TABLE 72: 21. SKOWHEGAN						
Food	3 257	694	2 345	296	170	126
Textiles and Apparel	6 848	1 213	3 071	395	272	123
Lumber and Wood	8 940	3 226	3 396	950	733	217
Printing	122	62	3 444	18	15	3
Leather	27 352	8 410	3 026	2 779	1 384	1 395
Machinery	200	76	2 923	26	24	2
Transportation Equipment	177	49	4 083	12	11	1
Miscellaneous Manufacturing	354	83	2 128	39	34	5

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ECONOMIC AREAS INDUSTRY	VALUE OF PRODUCT \$ (000's)	GROSS WAGES \$ (000's)	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 73: 22. FARMINGTON, JAY						
Food	2 881	292	2 704	108	77	31
Lumber and Wood	5 782	2 493	2 833	947	834	313
Printing	518	147	2 882	51	38	13
Leather	20 318	5 902	2 827	2 088	786	1 302
Miscellaneous Manufacturing	20	9	1 500	6	1	5
TABLE 74: 23. LEWISTON						
Food	20 302	2 493	3 280	780	555	205
Textiles	54 383	18 185	3 527	5 158	3 090	2 066
Apparel	234	111	2 135	52	11	41
Lumber and Wood	2 187	508	2 805	195	184	11
Furniture	1 428	425	2 891	147	138	9
Paper	9 081	1 787	4 418	400	334	66
Printing	4 988	1 513	3 152	480	295	185
Chemicals	494	170	3 898	46	30	16
Rubber and Plastics	2 459	611	2 968	206	151	55
Leather	57 744	16 427	2 748	5 982	2 598	3 384
Stone, Clay, and Glass	2 831	874	3 582	244	200	44
Primary Metals	2 817	583	3 273	172	151	21
Fabricated Metals	1 977	927	4 332	214	205	9
Electrical & Non-Electrical Machinery	2 077	1 202	4 034	298	133	165
Transportation Equipment	300	100	3 704	27	25	2
Instruments	188	41	2 929	14	11	3
Miscellaneous Manufacturing	2 286	602	4 270	141	124	17
TABLE 75: 24. BRUNSWICK, BATH						
Food	2 105	381	2 610	146	102	44
Textiles and Apparel	5 614	813	2 456	331	42	289
Lumber and Wood	894	285	3 132	91	90	1
Printing	673	296	4 353	68	51	17
Leather	16 955	5 282	3 078	1 716	817	899
Fabricated Metals	549	137	3 808	36	31	5
Miscellaneous Manufacturing	478	295	2 380	125	30	95
TABLE 76: 25. PORTLAND						
Food	82 957	11 831	3 296	3 590	2 269	1 321
Textiles	1 371	321	2 380	138	33	103
Apparel	2 861	960	2 406	399	61	338
Lumber and Wood	5 298	1 604	3 321	483	362	121
Furniture	2 737	819	3 774	217	183	34
Paper	60 501	17 372	5 319	3 266	2 514	752
Printing	8 481	3 019	4 147	728	551	177
Chemical and Petroleum Products	3 446	319	4 431	72	66	6
Rubber and Plastics	751	116	6 105	19	18	1
Leather	9 977	3 023	2 993	1 010	438	572
Stone, Clay, and Glass	2 503	783	3 933	194	187	7
Primary & Fabricated Metals	26 228	5 597	5 351	1 046	936	110
Machinery	875	569	5 269	108	99	9
Electrical Machinery	2 389	994	3 156	315	126	189
Transportation Equipment	10 830	4 901	5 392	909	801	108
Instruments	296	95	3 958	24	19	5
Miscellaneous Manufacturing	749	237	2 633	90	61	29

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1 9 6 0

E C O N O M I C A R E A S INDUSTRY	VALUE OF PRODUCT \$ (000's)	GROSS WAGES \$ (000's)	AVERAGE GROSS WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 77: 26. RUMFORD						
Food	598	159	3 878	41	38	3
Lumber and Wood	9 221	3 143	3 106	1 012	662	350
Printing	128	50	2 778	18	14	4
TABLE 78: 27. NORWAY						
Food	5 587	752	2 838	265	147	118
Lumber and Wood	8 985	2 972	3 162	940	733	207
Printing	115	43	2 263	19	10	9
Leather	14 925	4 336	3 167	1 369	705	664
Miscellaneous Manufacturing	201	53	2 038	26	10	16
TABLE 79: 28. BRIDGTON, PARSONS-FIELD						
Food	686	108	2 769	39	29	10
Lumber and Wood	4 652	1 238	3 095	400	380	20
Furniture	135	115	2 949	39	36	3
Printing	56	19	2 375	8	6	2
Electrical & Non-Electrical Machinery	1 115	392	4 261	92	66	26
TABLE 80: 29. BIDDDEFORD						
Food	3 174	626	3 227	194	167	27
Textiles	31 817	8 817	3 842	2 295	1 138	1 157
Apparel	448	357	2 349	152	5	147
Lumber and Wood	2 483	806	2 625	307	296	11
Printing	699	275	3 395	81	52	29
Rubber and Plastics	5 368	1 478	3 790	390	348	42
Leather	29 505	9 102	2 961	3 074	1 309	1 765
Stone, Clay, and Glass	868	277	3 901	71	68	3
Fabricated Metals	157	85	4 250	20	18	2
Machinery	759	266	4 361	61	56	5
Transportation Equipment	11 328	4 105	4 298	955	877	78
TABLE 81: 30. KITTEY						
Food	279	32	3 556	9	8	1
Lumber and Wood	1 041	307	2 717	113	104	9
Printing	64	11	2 750	4	3	1

APPENDIX A: Index of manufacturing industry titles
(Standard Industrial Classification
Manual, Bureau of the Budget)

1945 Edition

1957 Edition

19 ORDNANCE AND ACCESSORIES

1929 Ammunition, nec

1929 Ammunition, nec

20 FOOD AND KINDRED PRODUCTS

2011 Meat packing, wholesale
2012 Custom slaughtering, wholesale
2013 Sausages and other prepared meat products
2015 Poultry and small game dressing and packing, wholesale
2021 Creamery butter
2023 Condensed and evaporated milk
2024 Ice cream and ices
2031 Canned sea food
2032 Cured fish
2033 Canned fruits, vegetables, and soups; preserves, jams, and jellies
2034 Dried and dehydrated fruits and vegetables
2035 Pickled fruits and vegetables; vegetable sauces and seasonings; salad dressings
2037 Frozen fruits, vegetables, and sea foods
2041 Flour and other grain-mill products
2042 Prepared feeds for animals and fowls
2051 Bread and other bakery products (except biscuit, crackers, and pretzels)
2071 Candy and other confectionery products
2081 Bottled soft drinks and carbonated waters
2085 Distilled, rectified, and blended liquors
2094 Corn sirup, corn sugar, corn oil, and starch
2095 Flavoring extracts and flavoring sirups, nec
2097 Manufactured ice
2099 Food preparations, nec

2011 Meat packing plants
2013 Sausages and other prepared meat products
2015 Poultry and small game dressing and packing
2021 Creamery butter
2023 Condensed and evaporated milk
2024 Ice cream and frozen desserts
*2026 Fluid milk
2031 Canned and cured sea foods
2032 Canned specialties
2033 Canned fruits, vegetables, preserves, jams and jellies
2034 Dried and dehydrated fruits and vegetables
2035 Pickled fruits and vegetables; vegetable sauces and seasonings; salad dressings
*2036 Fresh or frozen packaged fish
2037 Frozen fruits, fruit juices, vegetables and specialties
2041 Flour and other grain mill products
2042 Prepared feeds for animals and fowls
2046 Wet corn milling (starch)
2051 Bread and other bakery products, except biscuit, crackers, and pretzels
2071 Candy and other confectionery products
2085 Distilled, rectified, and blended liquors
2086 Bottled and canned soft drinks and carbonated waters
2087 Flavoring extracts and flavoring sirups, nec
2094 Grease and tallow
2095 Animal and marine fats and oils, except grease and tallow
2097 Manufactured ice
2099 Food preparations, nec

22 TEXTILE MILL PRODUCTS

2211 Scouring and combing plants
2221 Yarn mills
2231 Broad-woven fabric mills (cotton, silk and synthetic fiber)
2232 Broad-woven fabric mills (woolen and worsted)
2241 Narrow fabrics and other smallwares mills (cotton, wool, silk, and synthetic fiber)
2253 Knit outerwear mills
2261 Dyeing and finishing textiles (except woolen and worsted textiles and knit goods)
2262 Dyeing and finishing woolen and worsted goods
2271 Wool carpets, rugs, and carpet yarn
2273 Carpets, rugs, and mats from fiber (except wool)
2274 Linoleum, asphalted-felt-base, and other hard-surface floor coverings, nec
2292 Lace goods
2294 Processed waste and recovered fibers
2295 Artificial leather, oilcloth, and other impregnated and coated fabrics (except rubberized)
2298 Cordage and twine
2299 Textile goods, nec

2211 Broad woven fabric mills, cotton
2221 Broad woven fabric mills, man-made fiber and silk
2231 Broad woven fabric mills, wool: including dyeing and finishing
2241 Narrow fabrics and other small wares mills: cotton, wool, silk, and man-made fiber
2253 Knit outerwear mills
2261 Finishers of broad woven fabrics of cotton
2262 Finishers of broad woven fabrics of man-made fiber and silk
2271 Woven carpets and rugs
2279 Carpets, rugs, and mats, nec
2283 Yarn mills, wool, including carpet and rug yarn
2292 Lace goods
2294 Processed waste and recovered fibers and flock
2295 Artificial leather, oilcloth, and other impregnated and coated fabrics except rubberized
2298 Cordage and twine

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

2321 Men's, youths', and boys' shirts (except work shirts), collars, and nightwear

2311 Men's, youths', and boys' suits, coats and overcoats

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS (continued)

2323	Men's, youths', and boys' neckwear	2321	Men's, youths', and boys' shirts (except work shirts), collars, and nightwear
2325	Men's, youths', and boys' cloth hats and caps	2323	Men's, youths', and boys' neckwear
2327	Men's, youths', and boys' separate trousers	2327	Men's, youths' and boys' separate trousers
2329	Men's, youths', and boys' work, sport, and other clothing, nec	2328	Work clothing
2333	Women's and misses' dresses	2335	Dresses
2339	Women's and misses' outerwear, nec	2339	Women's, misses', and juniors' outerwear, nec
2341	Women's, misses', children's, and infants' underwear and nightwear	2341	Women's, misses', children's, and infants' underwear and nightwear
2361	Children's and infants' dresses	2352	Men's and boys' hats and caps
2369	Children's and infants' outerwear, nec	2361	Dresses, blouses, waists, and shirts
2382	Work gloves and mittens (fabric, fabric and leather combined)	2369	Girls', children's, and infants' outerwear, nec
2384	Robes and dressing gowns	2381	Dress and work gloves, except knit and all leather
2389	Apparel, nec	2384	Robes and dressing gowns
2391	Curtains and draperies	2389	Apparel, nec
2392	Housefurnishings (except curtains and draperies)	2391	Curtains and draperies
2394	Canvas products	2392	Housefurnishings, except curtains and draperies
2399	Fabricated textile products, nec	2394	Canvas products
		2399	Fabricated textile products, nec

24 LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)

2411	Logging camps and logging contractors	2411	Logging camps and logging contractors
2421	Sawmills and planing mills, general	2421	Sawmills and planing mills, general
2423	Shingle mills	2426	Hardwood dimension and flooring mills
2424	Cooperage stock mills	2429	Special product sawmills, nec
2431	Millwork plants	2431	Millwork plants
2432	Plywood plants	2432	Veneer and plywood plants
2433	Prefabricated wooden buildings and structural members	2433	Prefabricated wooden buildings and structural members
2444	Wooden boxes (except cigar boxes)	2441	Nailed and lock corner wooden boxes and shook
2445	Cooperage	2445	Cooperage
2491	Wood preserving	2491	Wood preserving
2492	Lasts and related products	2499	Wood products, nec
2493	Mirror frames and picture frames		
2499	Wood products, nec		

25 FURNITURE AND FIXTURES

2511	Wood household furniture, except upholstered	2511	Wood household furniture, except upholstered
2512	Wood household furniture, upholstered	2512	Wood household furniture, upholstered
2514	Metal household furniture	2514	Metal household furniture
2515	Mattresses and bedsprings	2515	Mattresses and bedsprings
2541	Partitions, shelving, lockers and office and store fixtures	2541	Wood partitions, shelving, lockers and office and store fixtures
2562	Window shades	2591	Venetian blinds and shades
2563	Venetian blinds	2599	Furniture and fixtures, nec
2591	Restaurant furniture		

26 PAPER AND ALLIED PRODUCTS

2611	Pulp mills	2611	Pulp mills
2612	Paper and paperboard mills (except building-paper and building-board mills)	2621	Paper mills, except building paper mills
2613	Building-paper and building-board mills	2631	Paperboard mills
2661	Paper bags	2643	Bags, except textile bags
2671	Paperboard boxes: folded, set-up and corrugated	2646	Pressed and molded pulp goods
2674	Fiber cans, tubes, drums, and similar products	2649	Converted paper and paperboard products, nec
2691	Die-cut paper and paperboard; and cardboard	2651	Folding paperboard boxes
2694	Pulp goods, pressed and molded	2652	Set-up paperboard boxes
2699	Converted paper products, nec	2653	Corrugated and solid fiber boxes
		2655	Fiber cans, tubes, drums, and similar products
		2661	Building paper and building board mills

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

2711	Newspapers	2711	Newspapers: publishing, publishing and printing
2721	Periodicals	2721	Periodicals: publishing, publishing and printing
2731	Books: publishing, publishing and printing	2731	Books: publishing, publishing and printing
2751	Commercial printing	2732	Book printing
2761	Lithographing	2741	Miscellaneous publishing
2771	Greeting cards	2751	Commercial printing, except lithographic
2781	Bookbinding	2752	Commercial printing, lithographic
2782	Blankbook making and paper ruling	2753	Engraving and plate printing

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES (continued)

2783 Library and loose-leaf binder and manu-
facturing
2791 Typesetting
2792 Engraving and plate printing
2793 Photoengraving

2771 Greeting card manufacturing
2782 Blankbooks, loose leaf binders and devices
2789 Bookbinding, and miscellaneous related work
2791 Typesetting
2793 Photoengraving

28 CHEMICALS AND ALLIED PRODUCTS

2822 Intermediates, dyes, color lakes, and toners
2832 Botanical products
2833 Inorganic and organic medicinal chemicals
2834 Pharmaceutical preparations
2841 Soap and glycerin
2842 Cleaning and polishing preparations
2851 Paints, varnishes, lacquers, japans and
enamels
2861 Hardwood distillation
2871 Fertilizers (manufacturing and mixing)
2885 Marine animal oils
2886 Grease and tallow
2893 Perfumes, cosmetics, and other toilet
preparations
2896 Compressed and liquified gases
2897 Insecticides and fungicides
2899 Chemicals and chemical products, nec

2813 Industrial gases
2815 Dyes, dye (cyclic) intermediates, and organic
pigments
2816 Inorganic pigments
2819 Industrial inorganic chemicals, nec
2831 Biological products
2833 Medicinal chemicals and botanical products
2834 Pharmaceutical preparations
2841 Soap and other detergents, except specialty
cleaners
2842 Specialty cleaning, polishing, and sanitation
preparations, except soap and detergents
2844 Perfumes, cosmetics and other toilet preparations
2851 Paints, varnishes, lacquers, and enamels
2861 Gum and wood chemicals
2871 Fertilizers
2872 Fertilizers, mixing only
2873 Agricultural pesticides
2899 Chemicals and chemical preparations, nec

29 PRODUCTS OF PETROLEUM AND COAL

2991 Fuel briquets and packaged fuel

2951 Paving mixtures and blocks
2999 Products of petroleum and coal, nec

30 RUBBER PRODUCTS

3099 Rubber industries, nec

3011 Tires and inner tubes
3021 Rubber footwear
3069 Fabricated rubber products, nec
3079 Miscellaneous plastics products

31 LEATHER AND LEATHER PRODUCTS

3111 Leather tanning and finishing
3121 Industrial leather belting and packing
3131 Boot and shoe cut stock and findings
3141 Footwear (except house slippers and rubber
footwear)
3142 House slippers
3171 Women's handbags and purses

3111 Leather tanning and finishing
3121 Industrial leather belting and packing
3131 Boot and shoe cut stock and findings
3141 Footwear, except house slippers and rubber
footwear
3142 House slippers
3171 Women's handbags and purses
3172 Personal leather goods, except handbags and purses
3199 Leather goods, nec

32 STONE, CLAY, AND GLASS PRODUCTS

3241 Cement, hydraulic
3251 Brick and hollow tile
3269 Pottery products, nec
3271 Concrete products
3274 Lime
3281 Cut-stone and stone products
3293 Steam and other packing, and pipe and
boiler covering
3295 Minerals and earths: ground or otherwise
treated

3241 Cement, hydraulic
3251 Brick and structural clay tile
3269 Pottery products, nec
3271 Concrete brick and block
3272 Concrete products, except block and brick
*3273 Ready mixed concrete
3274 Lime
3281 Cut stone and stone products
3295 Minerals and earths, ground or otherwise
treated

33 PRIMARY METAL INDUSTRIES

3321 Gray-iron foundries
3361 Nonferrous foundries
3392 Wire drawing

3321 Gray iron foundries
3356 Rolling, drawing, and extruding of nonferrous
metals, except copper and aluminum
3362 Brass, bronze, copper, copper base alloy
castings
3391 Iron and steel forgings

34 FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY AND TRANSPORTATION EQUIPMENT)

3411	Tin cans and other tinware	3411	Metal cans
3422	Edge tools	3421	Cutlery
3423	Hand tools (except edge tools, machine tools, files, and saws)	3423	Hand and edge tools, except machine tools and hand saws
3425	Hand saws and saw blades	3425	Hand saws and saw blades
3429	Hardware, nec	3429	Hardware, nec
3439	Heating and cooking apparatus (except electric), nec	3433	Heating equipment, except electric
3441	Fabricated structural steel and ornamental metal work	3441	Fabricated structural steel
3442	Metal doors, sash, frames, molding, and trim	3442	Metal doors, sash, frames, molding, and trim
3443	Boiler shop products	3443	Fabricated plate work (boiler shops)
3444	Sheet-metal work	3444	Sheet metal work
3463	Stamped and pressed metal products (except automobile stampings)	3449	Architectural and miscellaneous metal work
3468	Electroplating, plating, and polishing	3461	Metal stampings
3499	Fabricated metal products, nec	3471	Electroplating, plating, polishing, anodizing and coloring
		3494	Valves and pipe fittings, except plumbers' brass goods
		3499	Fabricated metal products, nec

35 MACHINERY (EXCEPT ELECTRICAL)

3522	Agricultural machinery (except tractors)	3522	Farm machinery and equipment
3531	Construction, mining, and similar machinery (except oil-field machinery and tools)	3531	Construction machinery and equipment
3541	Machine tools	3534	Elevators and moving stairways
3542	Metalworking machinery (except machine tools)	3541	Machine tools, metal cutting types
3543	Machine-tool accessories, other metalworking-machinery accessories and machinists' precision tools	3542	Machine tools, metal forming types
3552	Textile machinery	3544	Special dies and tools, die sets, jigs and fixtures
3553	Woodworking machinery	3545	Machine tool accessories and measuring devices
3583	Sewing machines	3552	Textile machinery
3591	Valves and fittings (except plumbers' valves)	3553	Woodworking machinery
3599	Machine shops (jobbing and repair)	3554	Paper industries machinery
		3559	Special industry machinery, nec
		3591	Machine shops, jobbing and repair
		3599	Machinery and parts, except electrical, nec

36 ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

3611	Wiring devices and supplies	3636	Sewing machines
3619	Electrical equipment for industrial use, nec	3639	Household appliances, nec
3661	Radios, radio and television equipment (except radio tubes), radar and related detection apparatus, and phonographs	3643	Current carrying wiring devices
3664	Telephone and telegraph equipment	3661	Telephone and telegraph apparatus
3669	Communication equipment, nec	3662	Radio and television transmitting, signaling, and detection equipment and apparatus
3691	Storage batteries	3691	Storage batteries
		3699	Electrical machinery, equipment, and supplies, nec

37 TRANSPORTATION EQUIPMENT

3713	Truck and bus bodies	3713	Truck and bus bodies
3714	Motor-vehicle parts and accessories	3714	Motor vehicle parts and accessories
3721	Aircraft	3721	Aircraft
3722	Aircraft engines and engine parts	3722	Aircraft engines and engine parts
3729	Aircraft parts and auxiliary equipment, nec	3729	Aircraft parts and auxiliary equipment, nec
3731	Ship building and repairing	3731	Ship building and repairing
3732	Boat building and repairing	3732	Boat building and repairing

38 PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS

3811	Laboratory, scientific, and engineering instruments (except surgical, medical and dental)	3811	Engineering, laboratory, and scientific and research instruments and associated equipment
3821	Mechanical measuring and controlling instruments	3821	Mechanical measuring and controlling instruments, except automatic temperature controls
3851	Ophthalmic goods	3842	Orthopedic, prosthetic, and surgical appliances and supplies
		3851	Ophthalmic goods

39 MISCELLANEOUS MANUFACTURING INDUSTRIES

3933	Piano and organ parts and materials	3911	Jewelry, precious metal
3941	Games and toys (except dolls, and children's vehicles)	3913	Lapidary work and cutting and polishing
3949	Sporting and athletic goods, nec	3914	Silverware and plated ware
		3941	Games and toys, except dolls and children's vehicles

39 MISCELLANEOUS MANUFACTURING INDUSTRIES (continued)

3963 Buttons
 3971 Fabricated plastics products, nec
 3981 Brooms and brushes
 3988 Morticians' goods
 3993 Signs and advertising displays
 3998 Models and patterns (except paper patterns)
 3999 Miscellaneous fabricated products, nec

3942 Dolls
 3949 Sporting and athletic goods, nec
 3952 Lead pencils, crayons, and artists' materials
 3953 Marking devices
 3961 Costume jewelry and costume novelties, except precious metal
 3963 Buttons
 3981 Brooms and brushes
 3982 Linoleum, asphalted-felt base, and other hard surface floor coverings, nec
 3988 Morticians' goods
 3993 Signs and advertising displays
 3999 Manufacturing industries, nec

* Newly classified as manufacturing from non-manufacturing

APPENDIX B: Major Industry Descriptions (1957 edition)

19 **ORDNANCE AND ACCESSORIES** This major group includes establishments engaged in manufacturing artillery, small arms, and related equipment; ammunition; tanks and specialized tank parts; sighting and fire control equipment; and miscellaneous ordnance and accessories, nec.

20 **FOOD AND KINDRED PRODUCTS** This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

22 **TEXTILE MILL PRODUCTS** This group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, bonded-fiber fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry; (1) the "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other nonmanufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are classified as Knitting Mills.

23 **APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS** This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricated products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs.

Included in the apparel industries are three types of establishments, (1) the "regular" or inside factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories manufacture apparel from materials owned by

23 (continued)

others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials and selling of the finished apparel

Custom tailors and dressmakers not operating on a factory basis are classified in nonmanufacturing industries; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in wholesale trade as wholesalers and dealers.

24 **LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE** This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture, and office and store fixtures are classified in FURNITURE; pianos, musical instruments, toys and playground equipment, and caskets and coffins in MISCELLANEOUS MANUFACTURING. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

25 **FURNITURE AND FIXTURES** This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in Millwork Plants, and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

26 **PAPER AND ALLIED PRODUCTS** This major group includes the manufacture of pulps from wood and other cellulose fibers, and rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in Abrasive Products, carbon paper in MISCELLANEOUS MANUFACTURING, and photosensitized and blueprint paper in Scientific Instruments.

- 27 **PRINTING, PUBLISHING, AND ALLIED INDUSTRIES** This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in Service Industries, and textile printing and finishing in TEXTILE MILL PRODUCTS.
- 28 **CHEMICALS AND ALLIED PRODUCTS** This major group includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products; (1) basic chemicals such as acids, alkalis, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in PRIMARY METAL INDUSTRIES; silicon carbide in STONE, CLAY, AND GLASS PRODUCTS; baking powder, other leavening compounds, and starches in FOOD AND KINDRED PRODUCTS; and embalming fluids and artists' colors in MISCELLANEOUS MANUFACTURING. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.
- 29 **PETROLEUM REFINING AND RELATED INDUSTRIES** This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and byproducts in PRIMARY METAL INDUSTRIES.
- 30 **RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS** This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments manufacturing or rebuilding retreaded tires, but automobile tire repair shops engaged in recapping and retreading automobile tires are classified in Services. This group also includes establishments engaged in molding primary plastics for the trade, and manufacturing miscellaneous finished plastic products. The manufacture of elastic webbing is classified in TEXTILE MILL PRODUCTS; products made of elastic webbing and garments made from rubberized fabrics in APPAREL; synthetic rubber, and plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids in CHEMICALS.
- 31 **LEATHER AND LEATHER PRODUCTS** This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.
- 32 **STONE, CLAY, AND GLASS PRODUCTS** This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone products, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining activities are classified in mining industries; when separate reports are not available, the mining activities are classified with the manufacturing operations and classified herein.
- 33 **PRIMARY METAL INDUSTRIES** This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke.
- 34 **FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT** This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal stampings, and a variety of metal and wire products not elsewhere classified. Certain important segments of the metal fabricating industries are classified in other major groups such as ORDNANCE; MACHINERY; TRANSPORTATION EQUIPMENT; PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS, WATCHES AND CLOCKS; and jewelry and silverware in MISCELLANEOUS MANUFACTURING. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in PRIMARY METAL INDUSTRIES.
- 35 **MACHINERY, EXCEPT ELECTRICAL** This major group includes establishments engaged in manufacturing machinery and equipment, other than Electrical Equipment and Transportation Equipment. Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances (ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES). Portable tools, both electric and pneumatic powered, are included in this major group, but hand tools are classified in FABRICATED METAL PRODUCTS.
- 36 **ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES** This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in MACHINERY, EXCEPT ELECTRICAL.
- 37 **TRANSPORTATION EQUIPMENT** This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and horse drawn vehicles.

38 PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS This major group includes establishments engaged in manufacturing mechanical measuring, engineering, laboratory, and scientific research instruments; optical instruments and lenses; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities and characteristics are classified in **ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES**.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; morticians' goods; and other miscellaneous manufacturing industries.

NES NOT ELSEWHERE SHOWN A policy of the Department of Labor and Industry is not to reveal information on an individual plant basis. Industry groups which do not meet our standard minimum of three establishments each, have been grouped under the heading **NOT ELSEWHERE SHOWN**. This title is not a part of the Standard Industrial Classification system, but was originated to meet the needs of this department.

nec Not Elsewhere Classified

Descriptions of subordinate industry groupings may be found in the Standard Industrial Classification Manual, 1945 and 1957, Manufacturing Industries.

NOTE: The Standard Industrial Classification Manual has been revised and the changes therein are incorporated in this Census of Maine Manufactures. All possible efforts are made to establish a linkage between the revisions and the existing classes; comparable data will be published for the five years, in order to maintain the continuity of data, beginning in 1957.

APPENDIX C: Technical Notes and Definitions

INDUSTRIAL CLASSIFICATION The Standard Industrial Classification system as compiled by the Executive Office of the President, Bureau of the Budget, was used to determine the industry title applicable to each establishment. Descriptions of major industry groups may be found in Appendix B. Each establishment has been classified according to its principal activity during the current year.

VALUE OF PRODUCT is the net selling price of all goods manufactured or processed during the calendar year. If industrial operations were on a contract basis, the total of amounts received for contract work or services performed has been included.

GROSS WAGES PAID shows total earnings during the calendar year of all employees, except executives, before deductions for Old Age and Survivors Insurance, group insurance, withholding tax, savings bonds, union dues, etc. Pay for sick leave, holidays, vacations, and bonuses has been included. Owing to the exclusion

of various fringe benefits, payroll taxes paid by employers, etc., this data should not be interpreted as representing total labor costs on the part of the employer.

NUMBER OF WORKERS is that reported in each month operated as of the payroll period ending nearest the 15th of the month, and averaged over the full twelve months. Inasmuch as 1955 was the first year using this method of computation, much of the variations in employment between the earlier years and those after 1955 may be purely mathematical and not reflective of absolute changes. Workers engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial, watchmen services and product development are included as are working foremen and all other employees below the executive level.

AVERAGE GROSS WAGES is the figure obtained by dividing **GROSS WAGES PAID** by the **TOTAL NUMBER OF WORKERS**.

ESTABLISHMENT is defined as a single physical location where industrial operations are performed; it is, therefore, a place of business rather than a legal entity or company which may have units in many locations. In instances where separate records for each establishment were not kept, data have been allocated equally by civil division and the entire report classified by size as "combined." This practice will, of course, inflate the values at some of the locations. Where appropriate (e.g., logging operations) such combined reports have been assigned to no specific civil division, merely to the county in which said principal location is found.

CIVIL DIVISIONS are geographical units established for governmental purposes. Major civil divisions are counties; minor divisions are cities, towns, plantations and townships.

SPECIAL STUDIES techniques of compiling data in the various special surveys included in the Census are generally covered in the texts of such surveys.

APPENDIX D: Maine River Analysis and Economic Areas

In the tables following are found two presentations of the census data. The first is tabulated according to the cities and towns falling within a five-mile area on each side of the Androscoggin, Kennebec and Penobscot rivers, and the second, according to the cities and towns falling within twenty-seven regions of the state called, "Economic Areas." The cities and towns used in these analyses are as follows:

I. Rivers: Cities and towns within the five-mile area on each side of the streams - See Table D-I

ANDROSCOGGIN RIVER

Androscoggin County: Auburn, Durham, Greene, Lewiston, Lisbon, Livermore, Livermore Falls, Turner

I. Rivers (continued)

Oxford County: Bethel, Canton, Dixfield, Gilead, Hanover, Mexico, Milton, Newry, Peru, Rumford

Franklin County: Jay

Sagadahoc County: Topsham

Cumberland County: Brunswick

KENNEBEC RIVER

Somerset County: Anson, Bingham, Canaan, Caratunk, Cornville, Fairfield, The Forks, Madison, Mercer, Norridgewock, Skowhegan, Smithfield, Solon, Starks

Kennebec County: Augusta, Belgrade, Benton, Clinton, Farmingdale, Gardiner, Hallowell, Manchester, Oakland, Pittston, Randolph, Sidney, Waterville, Winslow, Vassalboro

Sagadahoc County: Bowdoinham, Richmond

PENOBSCOT RIVER

Penobscot County: Alton, Argyle, Bangor, Bradley, Brewer, Chester, Ea. Millinocket, Eddington, Enfield, Greenbush, Grindstone, Hampden, Howland, Lincoln, Mattawamkeag, Medway, Milford, Old Town, Orono, Orrington, Passadumkeag, Stacyville, Veazie, Winn, Woodville

Hancock County: Bucksport, Orland, Penobscot

Waldo County: Belfast, Frankfort, Searsport, Stockton Springs, Winterport

- II. Economic Area Series: This publication has contained a tabulation entitled Economic Areas since 1954. This series consisted of 27 areas which were delineated on the basis of population and manufacturing employment on a rather subjective cross-sectional evaluation. As with any statistical series, usefulness is its *raison d'être* and it was determined that these data would be more useful if the areas were contiguous and did not leave isolated islands of economic anonymity. As with the shift from the 13 Shopping Areas to the 27 Economic Areas, we have now changed to 30 Economic Areas to enhance the usefulness of the series. Data are presented from 1955 on the new areal definitions with a map showing the new areas appearing on the back cover. Care should be exercised in making comparisons of these 30 areas with the earlier 27 segments as there have been changes made in almost all of the regions, as well as 3 new areas added. We plan to make any changes in these tabulations that are warranted by new data or better understanding of the economic forces at work within the state. When the 1960 Decennial Population Census is published in sufficient demographic and economic detail it is anticipated that these economic areas will once again be subjected to rigorous review and, if necessary, revision.

II. Economic Area Series (continued)

It is our hope that you will find these tabulations useful and practical in studying the Maine economy, and that you will offer any constructive criticism on the presentation of data herein. Statistics are no more than a highly useful tool, and like all tools, they will do only the job that they are intended for and then, only when properly applied.

The minor civil divisions contained in the areas are as follows: (Population center is in capital letters, manufacturing employment center in 1958 is underlined.)

Area No.	1960 Population	/1	Town
1	21 741		Cyr, Eagle Lake, FORT KENT, Frenchville, Grand Isle, Hamlin, <u>Madawaska</u> , New Canada, St. Agatha, St. John, Van Buren, Wallagrass, T17 R3, T17 R4, T17 R5
2	60 582		Ashland, Blaine, <u>Caribou</u> , Castle Hill, Caswell, Chapman, Connor, E Plt., Easton, Ft. Fairfield, LIMESTONE, Mapleton, Mars Hill, Masardis, New Sweden, Perham, Presque Isle, Stockholm, Wade, Washburn, Westfield, Westmanland, Woodland, T11 R4
3	16 802		Amity, Bridgewater, Cary, Cox Patent, Dyer Brook, Hammond, Hodgdon, <u>HOULTON</u> , Island Falls, Linneus, Littleton, Ludlow, Merrill, Monticello, New Limerick, Oakfield, Smyrna, A R2, T4 R3
4	11 111		Ea. Millinocket, Medway, <u>MILLINOCKET</u> , A R7
5	7 957		Alexander, <u>Baileyville</u> , Baring, CALAIS, Charlotte, Meddybemps, Princeton, Robbinston
6	6 959		Dennysville, <u>Eastport</u> , Edmunds, LUBEC, Pembroke, Perry, Trescott
7	6 433		Cutler, Ea. Machias, <u>MACHIAS</u> , Machiasport, Marshfield, Roque Bluffs, Whiting, Whitneyville
8	7 307		Addison, Beals, Cherryfield, Columbia, Columbia Falls, Harrington, Jonesboro, <u>JONESPORT</u> , Milbridge, Steuben
9	13 228		BAR HARBOR, Cranberry Isles, Franklin, Gouldsboro, Hancock, Lamoine, Mount Desert, Sorrento, <u>Southwest Harbor</u> , Sullivan, Tremont, Trenton, Winter Harbor, 7 Southern Division, 8 Southern Division
10	6 860		Bluehill, Brooklin, Brooksville, Castine, Deer Isle, Long Island, Sedgwick, <u>STONINGTON</u> , Swans Is., Isle Au Haut
11	10 793		<u>Bucksport</u> , ELLSWORTH, Orland, Penobscot, Surry, Verona
12	89 659		Alton, Argyle, BANGOR, Bradford, Bradley, Brewer, Carmel Charles-ton, Clifton, Corinth, Dedham,

II. Economic Area Series (continued)

Area	1960	
No.	Population	/1 Town
12	(cont'd)	Eddington, Edinburg, Glenburn, Greenbush, Greenfield, Hampden, Hermon, Holden, Hudson, Kenduskeag, Lagrange, Levant, Milford, Newburgh, <u>Old Town</u> , Orono, Orrington, Veazie
13	9 355	Burlington, Enfield, Grand Falls, Howland, Lee, <u>LINCOLN</u> , Lowell, Passadumkeag, Springfield, Winn, 1 Northern Division, T3 R1
14	16 282	Abbot, Barnard, Blanchard, Bowerbank, Brownville, <u>DOVER-FOXCROFT</u> , Elliottsville, Greenville, <u>Guilford</u> , Milo, Monson, Parkman, Sangerville, Sebec, Shirley, Williamsburg, Willimantic
15	15 789	Burnham, Cambridge, Corinna, Detroit, <u>DEXTER</u> , Dixmont, Etna, Exeter, Garland, Newport, Palmyra, Plymouth, Ripley, St. Albans, Stetson, Troy
16	19 491	<u>BELFAST</u> , Belmont, Brooks, Frankfort, Islesboro, Jackson, Knox, Liberty, Lincolnville, Monroe, Montville, Morrill, Northport, Prospect, Seasmont, Searsport, Stockton Springs, Swanville, Thorndike, Waldo, Winterport
17	28 493	Appleton, Camden, Cushing, Friendship, Hope, Matinicus Isle, North Haven, Owls Head, <u>ROCKLAND</u> , Rockport, St. George, So. Thomaston, Thomaston, Union, Vinalhaven, Warren, Washington
18	15 327	Alna, Boothbay, Boothbay Hbr., Bremen, Bristol, Damariscotta, Edgcomb, Monhegan, New Castle, Nobleboro, So. Bristol, Southport, <u>WALDOBORO</u> , Westport, Wiscasset
19	54 547	<u>AUGUSTA</u> , Chelsea, Farmingdale, Fayette, Gardiner, Hallowell, Hibberts Gore, Jefferson, Litchfield, Manchester, Monmouth, Pittston, Randolph, Readfield, Richmond, Somerville, Wayne, West Gardiner, Whitefield, Windsor, Winthrop
20	47 233	Albion, Belgrade, Benton, China, Clinton, Fairfield, Freedom, Mount Vernon, Oakland, Palermo, Rome, Smithfield, Sidney, Unity, Unity Twp., Vassalboro, Vienna, <u>WATERVILLE</u> , Winslow
21	26 514	Anson, Athens, Bingham, Canaan, Cornville, Embden, Harmony, Hartland, Madison, Mercer, Norridgewock, Pittsfield, <u>SKOWHEGAN</u> , Solon, Starks

Area	1960	
No.	Population	/1 Town
22	23 013	Avon, Carthage, Chesterville, <u>FARMINGTON</u> , Freeman, Industry, <u>Jay</u> , Kingfield, Livermore, Livermore Falls, New Portland, New Sharon, New Vineyard, Perkins, Phillips, Salem, Strong, Temple, Washington, Weld, Wilton
23	86 099	Auburn, Bowdoin, Durham, Greene, Leeds, <u>LEWISTON</u> , Lisbon, Mechanic Falls, Minot, New Gloucester, Poland, Pownal, Turner, Wales, Webster
24	42 587	Arrowsic, <u>Bath</u> , Bowdoinham, <u>BRUNSWICK</u> , Dresden, Freeport, Georgetown, Harpswell, Perkins, Phippsburg, Topsham, West Bath, Woolwich
25	149 771	Cape Elizabeth, Cumberland, Falmouth, Gorham, Gray, No. Yarmouth, <u>PORTLAND</u> , Raymond, Scarborough, So. Portland, Standish, Westbrook, Windham, Yarmouth
26	24 392	Andover, Andover—No. Surplus, Andover—West Surplus, Batchelders Grant, Bethel, Byron, Canton, Dixfield, Gilead, Hanover, Hartford, Mason, Mexico, Milton, Newry, Peru, Roxbury, <u>RUMFORD</u> , Sumner, A R1, A R2
27	15 236	Albany, Buckfield, Greenwood, Hebron, Lovell, <u>NORWAY</u> , Otisfield, Oxford, Paris, Stoneham, Stow, Sweden, Waterford, Woodstock, West Paris
28	12 869	Baldwin, <u>BRIDGTON</u> , Brownfield, Casco, Cornish, Denmark, Fryeburg, Harrison, Hiram, Naples, <u>Parsonsfield</u> , Porter, Sebago
29	66 476	Acton, Alfred, Arundel, <u>BIDDEFORD</u> , Buxton, Dayton, Hollis, Kennebunk, Kennebunkport, Limerick, Limington, Lyman, Newfield, Old Orchard Beach, Saco, Sanford, Shapleigh, Waterboro,
30	31 241	Berwick, Eliot, <u>KITTERY</u> , Lebanon, North Berwick, South Berwick, Wells, York

(NOTE: The total population included within the 30 areas is 944 147 and represents 97.4% of the state population. There are some 446 minor civil divisions of the 913 in the state covered therein—approximately 49%.)

/1 No 1960 population census data is available for unorganized townships, hence in some instances the area population may be slightly understated.

Table D-1: River Analysis, 1955-59

River	Year	Value of Product (millions)	Gross Wages (millions)	Average Employment (000's)	No. of Reporting Establishments
Androscoggin	1959	\$ 287	\$ 78	22	312
	1958	245	68	20	305
	1957	254	71	21	282
	1956	253	69	21	267
	1955	240	64	21	253
Kennebec	1959	223	47	13	226
	1958	193	43	13	232
	1957	194	46	14	198
	1956	199	45	14	179
	1955	181	47	15	160
Penobscot	1959	183	41	10	187
	1958	162	35	9	171
	1957	164	36	10	173
	1956	163	35	10	159
	1955	147	33	10	164
Total	1959	692	167	45	725
	1958	600	146	42	708
	1957	612	153	45	653
	1956	615	149	45	605
	1955	568	144	46	577

Table D-2: Economic Areas, 1955-59

Area No.	Population Centers <u>a/</u>	Year	Value of Product (000's)	Gross Wages Paid (000's)	Average Gross Wages	Employment		
						Total	Male	Female
1	Fort Kent Madawaska	1959	\$ 44 528	\$ 6 174	\$ 4 839	1 276	1 146	130
		1958	31 815	4 686	4 719	993	880	113
		1957	43 073	4 885	4 519	1 081	964	117
		1956	42 815	4 576	4 379	1 045	929	116
		1955	37 091	4 502	4 401	1 023	912	111
2	Limestone Caribou	1959	22 601	4 116	3 467	1 187	766	421
		1958	22 195	4 129	2 954	1 398	890	508
		1957	22 045	4 173	3 328	1 254	806	448
		1956	21 759	3 531	2 802	1 260	817	443
		1955	17 515	2 626	2 727	963	584	379
3	Houlton	1959	4 959	881	2 878	306	205	101
		1958	3 423	758	3 020	251	230	21
		1957	3 706	805	3 038	265	241	24
		1956	4 569	1 129	3 027	373	342	31
		1955	3 963	971	2 873	338	311	27
4	Millinocket	1959	66 353	13 099	6 384	2 052	2 041	11
		1958	61 165	13 894	6 784	2 048	2 037	11
		1957	63 639	13 833	5 686	2 433	2 421	12
		1956	67 339	12 640	5 465	2 313	2 301	12
		1955	75 411	16 149	4 513	3 578	3 563	15
5	Calais Baileyville	1959	17 894	3 752	4 100	915	701	214
		1958	17 689	3 793	4 087	928	732	196
		1957	15 077	3 584	4 241	845	680	165
		1956	15 326	3 666	4 161	881	725	156
		1955	16 303	3 272	3 676	890	712	178
6	Lubec Eastport	1959	12 672	2 088	2 803	745	436	309
		1958	14 827	2 239	2 450	914	502	412
		1957	17 666	2 678	2 585	1 036	545	491
		1956	16 342	2 612	2 246	1 163	621	542
		1955	13 706	2 302	2 007	1 147	616	531
7	Machias	1959	5 239	869	2 849	305	216	89
		1958	4 556	762	2 942	259	191	68

Table D-2: Economic Areas, 1955-59 (continued)

Area No.	Population Centers ^{a/}	Year	Value of Product	Gross Wages Paid	Average Gross Wages	Employment		
			(000's)	(000's)		Total	Male	Female
7	Machias	1957	\$ 4 237	\$ 586	\$ 2 483	236	159	77
		1956	1 773	421	1 977	213	133	80
		1955	1 925	563	2 258	248	175	73
8	Jonesport	1959	4 785	874	1 833	477	221	256
		1958	5 356	837	1 777	471	205	266
		1957	5 365	1 002	2 118	473	232	241
		1956	5 129	944	1 919	492	229	261
		1955	4 050	771	1 554	496	230	266
9	Bar Harbor Southwest Hbr.	1959	3 507	806	2 392	337	194	143
		1958	5 290	955	2 533	377	226	151
		1957	4 599	1 029	2 659	387	229	158
		1956	4 308	1 086	2 263	480	310	170
		1955	3 419	914	2 235	409	288	151
10	Stonington	1959	1 964	652	2 976	219	158	61
		1958	2 162	675	3 013	224	166	58
		1957	1 845	625	3 049	205	171	34
		1956	1 579	551	2 528	218	139	79
		1955	1 790	612	2 684	228	188	40
11	Ellsworth Bucksport	1959	22 547	4 734	3 799	1 246	990	256
		1958	21 048	4 671	4 065	1 149	971	178
		1957	21 725	4 348	4 405	987	805	152
		1956	21 168	4 441	4 616	962	833	129
		1955	18 095	4 571	4 312	1 060	932	128
12	Bangor Old Town	1959	74 271	21 857	3 899	5 606	3 877	1 728
		1958	64 335	17 767	3 442	5 162	3 624	1 538
		1957	71 274	18 456	3 362	5 489	3 758	1 731
		1956	74 305	19 233	3 255	5 909	4 065	1 844
		1955	68 120	18 117	3 100	5 845	4 099	1 746
13	Lincoln	1959	12 204	4 473	5 213	858	794	64
		1958	10 143	3 086	4 641	665	637	28
		1957	10 905	2 795	4 051	690	645	45
		1956	11 928	2 596	4 207	617	564	53
		1955	12 237	3 138	3 502	896	788	108
14	Dover-Foxcroft Guilford	1959	12 444	4 670	3 227	1 447	1 087	360
		1958	13 298	4 011	2 892	1 387	1 019	368
		1957	16 263	5 265	3 250	1 620	1 184	436
		1956	16 098	4 921	3 064	1 606	1 194	412
		1955	15 708	4 465	2 664	1 676	1 284	392
15	Dexter	1959	41 315	7 283	3 500	2 081	1 477	604
		1958	39 137	6 011	3 154	1 906	1 378	526
		1957	36 217	5 767	3 255	1 772	1 328	444
		1956	29 682	4 870	3 247	1 500	1 222	278
		1955	28 293	4 680	2 873	1 629	1 244	386
16	Belfast	1959	41 753	5 807	3 130	1 855	1 235	620
		1958	37 222	4 975	2 977	1 671	1 080	591
		1957	34 246	4 816	2 828	1 703	1 147	556
		1956	31 898	4 616	2 798	1 650	1 082	568
		1955	28 653	3 598	2 630	1 368	865	503
17	Rockland	1959	32 326	8 093	3 159	2 562	1 606	956
		1958	35 228	7 996	3 000	2 665	1 618	1 047
		1957	28 984	6 383	2 937	2 173	1 388	785
		1956	27 526	6 721	2 959	2 271	1 505	767
		1955	33 909	6 489	2 801	2 317	1 498	820
18	Waldoboro	1959	10 000	2 408	3 280	734	393	341
		1958	9 524	2 388	3 130	763	460	303
		1957	8 706	2 189	3 210	682	384	298
		1956	10 910	3 564	3 211	1 110	769	341
		1955	11 187	3 104	3 002	1 034	770	264

Table D-2: Economic Areas, 1955-59 (continued)

Area No.	Population Centers ^{a/}	Year	Value of Product (000's)	Gross Wages Paid (000's)	Average Gross Wages	Employment		
						Total	Male	Female
19	Augusta	1959	\$ 88 564	\$ 19 399	\$ 3 476	5 581	3 435	2 173
		1958	84 484	17 733	3 169	5 595	3 388	2 207
		1957	82 063	18 158	3 155	5 755	3 522	2 233
		1956	71 958	16 384	3 131	5 233	3 079	2 154
		1955	68 827	16 404	2 885	5 686	3 472	2 214
20	Waterville	1959	105 032	18 283	3 758	4 865	3 041	1 827
		1958	81 403	17 392	3 519	4 942	3 081	1 861
		1957	79 931	17 672	3 487	5 068	3 181	1 887
		1956	94 512	18 588	3 489	5 328	3 584	1 744
		1955	81 612	21 609	3 433	6 294	4 341	1 953
21	Skowhegan	1959	55 826	16 416	3 379	4 858	3 177	1 681
		1958	47 954	13 767	3 197	4 306	2 570	1 736
		1957	58 216	14 579	3 178	4 588	2 785	1 803
		1956	46 666	15 195	3 105	4 893	2 993	1 900
		1955	46 202	14 306	2 933	4 877	2 941	1 936
22	Farmington Jay	1959	52 709	13 499	3 331	4 053	2 559	1 494
		1958	46 304	12 773	3 283	3 891	2 342	1 549
		1957	51 700	13 958	3 237	4 312	2 666	1 646
		1956	50 253	12 986	3 094	4 197	2 529	1 670
		1955	36 570	8 270	2 592	3 191	2 219	972
23	Lewiston	1959	177 080	46 284	3 128	14 797	8 436	6 361
		1958	148 636	41 215	2 977	13 845	7 949	5 896
		1957	153 307	43 629	3 104	14 055	7 770	6 285
		1956	163 454	43 889	2 871	15 289	8 532	6 754
		1955	153 403	41 948	2 742	15 297	8 493	6 804
24	Brunswick Bath	1959	95 561	25 557	4 289	5 959	4 480	1 479
		1958	95 470	24 967	4 236	5 894	4 508	1 386
		1957	80 574	22 380	3 916	5 715	4 394	1 321
		1956	70 712	20 116	4 022	5 001	3 963	1 038
		1955	72 488	19 741	3 612	5 465	4 349	1 116
25	Portland	1959	234 080	53 677	4 286	12 525	8 772	3 753
		1958	214 026	47 273	3 897	12 132	8 560	3 572
		1957	203 222	46 179	3 743	12 339	8 640	3 699
		1956	207 776	46 995	3 584	13 112	9 106	4 006
		1955	179 857	42 678	3 388	12 597	8 735	3 861
26	Rumford	1959	61 623	20 391	4 919	4 145	3 456	689
		1958	56 534	17 614	4 556	3 866	3 271	595
		1957	68 360	20 243	3 754	5 393	4 194	1 199
		1956	58 882	16 980	4 443	3 822	3 217	605
		1955	53 927	15 432	3 855	4 033	3 436	567
27	Norway	1959	36 386	9 436	3 172	2 978	1 919	1 059
		1958	28 724	7 871	3 019	2 607	1 752	855
		1957	17 266	4 096	2 949	1 389	1 091	298
		1956	30 304	8 635	2 850	3 030	1 911	1 119
		1955	28 019	6 490	2 335	2 799	1 736	1 063
28	Bridgton Parsonsfield	1959	9 847	2 866	2 922	981	696	285
		1958	8 014	2 069	2 603	795	563	232
		1957	9 676	2 273	2 534	897	637	260
		1956	9 169	2 092	2 542	823	618	205
		1955	11 782	2 614	2 583	1 012	778	234
29	Biddeford	1959	87 881	25 706	3 338	7 702	4 470	3 232
		1958	91 205	28 018	3 235	8 661	5 421	3 240
		1957	106 252	34 580	3 372	10 255	6 380	3 875
		1956	118 632	35 436	3 280	10 805	6 691	4 114
		1955	91 398	30 630	2 993	10 235	6 385	3 850
30	Kittery ^{1/}	1959	13 673	55 316	6 039	9 160	8 439	721
		1958	12 201	45 025	5 403	8 334	7 664	670
		1957	9 508	38 012	4 773	7 964	7 441	523
		1956	8 924	33 423	4 510	7 411	6 981	430
		1955	9 920	34 085	4 217	8 082	7 438	644

Table D-2: Economic Areas, 1955-59 (continued)

Population Centers ^{a/}	Year	Value of Product (000's)	Gross Wages Paid (000's)	Average Gross Wages	Employment		
					Total	Male	Female
Area Totals	1959	\$1 449 625	\$399 465	\$ 3 924	101 809	70 423	31 418
	1958	1 313 368	359 350	3 663	98 099	67 915	30 184
	1957	1 329 645	358 976	3 552	101 061	69 788	31 253
	1956	1 335 696	352 837	3 426	103 007	70 984	32 053
	1955	1 225 379	335 047	3 201	104 683	73 382	31 331
Per cent of State Total	1959	97.6	97.1	—	96.8	95.8	99.2
	1958	97.3	97.0	—	96.7	95.6	99.1
	1957	96.4	96.2	—	96.1	94.7	99.5
	1956	96.0	94.6	—	94.3	92.3	98.9
	1955	98.4	97.5	—	97.1	96.1	99.5

^{1/} Kittery Naval Shipyard included except Value of Product

^{a/} The center of manufacturing employment, if different, is also shown.

APPENDIX E: Comparative Data by Major Industry* and County,** 1955-59

Type of Industry	Year	Number of Reporting Establish- ments	Value of Product (000's)	Gross Wages Paid (000's)	Average Annual Earnings	Total	Male	Female
All Manufacturing	1959	2 289	\$ 1 441 548	\$ 406 236	\$ 3 915	103 745	72 288	31 490
	1958	2 306	1 324 664	366 481	3 652	100 356	70 060	30 296
	1957	2 215	1 378 240	373 030	3 549	105 114	73 755	31 359
	1956	2 106	1 390 930	373 194	3 415	109 340	76 945	32 395
	1955	1 936	1 245 110	343 801	3 189	107 809	76 335	31 474
Food and Kindred Products	1959	317	232 545	32 277	3 091	10 443	6 185	4 261
	1958	328	224 712	30 552	2 952	10 348	6 006	4 342
	1957	321	207 682	28 780	3 015	9 553	5 645	3 908
	1956	321	191 383	27 904	2 736	10 198	5 993	4 205
	1955	324	167 620	24 588	2 611	9 416	5 630	3 786
Textile Mill Products	1959	74	197 980	47 959	3 343	14 346	8 546	5 827
	1958	75	165 917	41 812	3 004	13 918	8 512	5 406
	1957	78	201 191	49 380	3 158	15 638	9 367	6 271
	1956	76	214 744	53 317	3 084	17 286	10 309	6 977
	1955	76	216 989	52 926	2 921	18 118	10 814	7 304
Apparel and other Finished Products	1959	60	18 433	6 474	2 398	2 700	341	2 359
	1958	62	16 289	6 282	2 341	2 684	343	2 341
	1957	61	15 571	6 114	2 342	2 611	395	2 216
	1956	59	26 469	5 633	2 304	2 445	433	2 012
	1955	58	21 285	4 960	2 240	2 214	397	1 817
Lumber and Wood Products (except Furniture)	1959	91	117 461	39 788	3 153	12 620	10 571	2 053
	1958	1 004	110 197	35 743	2 982	11 986	10 051	1 935
	1957	957	136 947	42 805	3 030	14 129	12 004	2 125
	1956	920	144 736	49 380	2 957	16 727	14 312	2 415
	1955	816	136 192	43 265	2 803	15 437	13 234	2 203
Furniture and Fixtures	1959	55	8 319	2 612	3 205	815	606	149
	1958	53	7 797	2 472	3 223	767	648	119
	1957	50	8 483	2 508	3 123	803	691	112
	1956	49	7 745	2 321	2 964	783	656	127
	1955	37	6 158	1 852	2 527	733	610	123
Paper and Allied Products	1959	50	397 462	92 496	5 481	16 875	14 880	1 994
	1958	50	364 340	83 730	4 995	16 772	14 739	2 033
	1957	51	381 527	82 412	4 691	17 567	15 429	2 138
	1956	47	395 563	81 252	4 664	17 421	15 276	2 145
	1955	48	334 643	76 550	4 267	17 939	15 811	2 128
Printing, Publish- ing and Allied Industries	1959	168	24 296	8 576	3 805	2 254	1 606	648
	1958	153	22 781	8 070	3 750	2 152	1 576	576
	1957	156	21 320	7 419	3 624	2 047	1 494	553

APPENDIX E: Comparative Data by Major Industry* and County,** 1955-59 (continued)

Type of Industry	Year	Number of Reporting Establish- ments	Value of Product (000's)	Gross Wages Paid (000's)	Average Annual Earnings	Employment		
						Total	Male	Female
Printing, Publish- ing (cont'd)	1956	145	\$ 19 256	\$ 6 757	\$ 3 487	1 938	1 419	519
	1955	127	17 365	6 126	3 288	1 863	1 366	497
Chemicals and Allied Products	1959	50	21 005	3 297	3 953	834	765	69
	1958	54	19 405	2 879	3 875	743	681	62
	1957	49	16 576	2 663	3 555	749	693	56
	1956	48	18 018	2 340	3 196	732	676	56
	1955	51	16 855	2 040	3 095	659	603	56
Products of Petrol- eum and Coal	1959	5	902	68	4 004	17	17	0
	1958	4	896	56	3 510	16	16	0
	1957	4	973	43	3 105	14	14	0
	1956	4	821	33	4 184	8	8	0
	1955	4	789	25	4 104	6	6	0
Rubber Products	1959	7	2 099	508	3 255	156	129	27
	1958	7	1 949	437	2 875	152	126	26
	1957	6	1 550	397	2 985	133	109	24
	1956	6	1 519	415	2 905	143	118	25
	1955	5	1 328	343	2 642	130	107	23
Leather and Leather Products	1959	121	236 757	68 394	3 009	22 733	10 586	12 147
	1958	121	198 535	59 437	2 823	21 058	9 566	11 493
	1957	129	197 308	59 504	2 828	21 038	9 305	11 733
	1956	126	180 593	57 303	2 698	21 266	9 418	11 848
	1955	116	168 521	51 778	2 445	21 179	9 531	11 648
Stone, Clay, and Glass Products	1959	59	12 703	3 499	4 171	839	789	50
	1958	60	11 394	3 029	3 632	834	807	27
	1957	54	11 960	3 179	3 794	838	805	33
	1956	50	12 116	3 490	3 865	903	868	35
	1955	46	13 241	3 115	3 492	892	878	14
Primary Metal Industries	1959	8	3 398	742	3 466	214	194	20
	1958	8	2 621	568	2 987	190	172	18
	1957	10	3 089	642	3 016	213	195	18
	1956	12	3 503	704	2 805	251	228	23
	1955	14	3 473	871	3 249	268	239	29
Fabricated Metal Products	1959	69	36 985	8 844	4 601	1 922	1 674	248
	1958	72	37 416	8 272	4 246	1 948	1 695	253
	1957	68	40 632	9 059	4 074	2 224	1 928	296
	1956	60	44 041	10 341	4 185	2 471	2 173	298
	1955	54	28 997	7 281	3 663	1 988	1 686	302
Machinery (except Electrical Machinery) and Ordnance	1959	50	17 805	6 337	4 326	1 465	1 365	100
	1958	48	25 132	10 774	4 463	2 414	2 192	222
	1957	50	40 639	17 908	4 462	4 014	3 616	398
	1956	36	50 821	18 149	4 178	4 344	3 901	443
	1955	32	43 421	16 997	3 877	4 384	3 936	448
Electrical Machinery	1959	15	10 549	2 617	3 452	758	316	442
	1958	12	11 072	2 645	3 531	749	308	441
	1957	8	13 068	3 050	3 181	959	394	565
	1956	8	11 479	2 244	3 087	727	269	458
	1955	6	7 420	1 756	3 091	568	235	333
Transportation Equipment 1/	1959	94	83 424	76 636	5 793	13 229	12 529	700
	1958	94	88 636	65 190	5 267	12 377	11 706	671
	1957	85	68 321	53 969	4 674	11 547	10 922	625
	1956	68	60 228	49 286	4 518	10 909	10 347	562
	1955	59	55 084	47 618	4 197	11 346	10 801	545
Professional, Scien- tific and Controlling Instruments, etc.	1959	19	2 523	700	4 071	172	134	38
	1958	19	1 785	491	3 457	142	112	30
	1957	18	1 864	545	3 495	156	123	33
	1956	17	1 960	506	3 562	142	116	26
	1955	16	841	319	3 325	96	81	15
Miscellaneous Manu- facturing Industries	1959	78	16 901	4 411	3 260	1 353	995	358
	1958	74	13 790	3 903	3 529	1 106	805	301

APPENDIX E: Comparative Data by Major Industry* and County,** 1955-59 (continued)

Type of Industry or County	Year	Number of Reporting Establish- ments	Value of Product (000's)	Gross Wages Paid (000's)	Average Annual Earnings	Total	Male	Female
Miscellaneous Manu- facturing (cont'd)	1957	60	\$ 9 622	\$ 2 631	\$ 2 987	881	624	257
	1956	54	5 934	1 818	2 814	646	425	221
	1955	47	4 888	1 392	2 429	573	370	203
Androscoggin	1959	244	186 146	48 756	3 100	15 727	8 791	6 936
	1958	244	155 197	43 696	2 923	14 696	8 222	6 474
	1957	220	160 850	45 924	3 084	14 390	8 065	6 825
	1956	219	171 229	46 203	2 855	16 210	8 743	7 467
	1955	188	158 506	43 265	2 710	15 968	8 720	7 248
Aroostook	1959	207	80 499	14 092	3 896	3 617	2 961	656
	1958	199	65 662	12 385	3 548	3 491	2 847	644
	1957	190	78 786	13 035	3 698	3 525	2 935	590
	1956	142	72 580	11 298	3 491	3 236	2 645	591
	1955	135	61 618	9 202	3 401	2 705	2 187	518
Cumberland	1959	379	262 398	61 704	4 077	15 134	10 105	5 029
	1958	384	239 161	54 328	3 748	14 494	9 787	4 707
	1957	356	226 774	53 050	3 604	14 718	9 944	4 774
	1956	346	224 473	51 734	3 488	14 833	10 102	4 731
	1955	327	203 355	48 447	3 304	14 662	9 992	4 670
Franklin	1959	88	48 326	12 451	3 581	3 477	2 536	941
	1958	90	43 911	11 329	3 423	3 310	2 317	993
	1957	80	45 910	12 423	3 369	3 687	2 574	1 113
	1956	81	44 462	11 673	2 904	4 018	2 870	1 148
	1955	77	33 248	8 001	2 840	2 817	2 273	544
Hancock	1959	108	28 874	6 537	3 428	1 907	1 439	468
	1958	108	29 156	6 592	3 557	1 853	1 463	390
	1957	90	28 362	6 083	3 776	1 611	1 287	324
	1956	76	27 348	6 212	3 633	1 710	1 331	379
	1955	70	23 432	6 148	3 513	1 750	1 431	319
Kennebec	1959	172	183 195	35 141	3 642	9 649	5 961	3 718
	1958	170	156 157	33 015	3 370	9 798	6 014	3 784
	1957	146	152 383	33 656	3 344	10 066	6 262	3 804
	1956	131	159 081	33 053	3 332	9 920	6 279	3 641
	1955	123	142 800	35 274	3 238	10 895	7 109	3 786
Knox	1959	126	32 556	8 136	3 161	2 574	1 616	958
	1958	122	35 228	7 996	3 000	2 665	1 618	1 047
	1957	109	28 984	6 383	2 938	2 173	1 388	785
	1956	108	27 577	6 744	2 958	2 281	1 514	767
	1955	93	33 909	6 489	2 800	2 318	1 498	820
Lincoln	1959	79	10 199	2 458	3 260	754	412	342
	1958	70	9 545	2 398	3 131	766	463	303
	1957	65	8 764	2 204	3 190	691	393	298
	1956	61	10 996	3 582	3 195	1 121	780	341
	1955	57	11 410	3 200	2 960	1 081	817	264
Oxford	1959	172	103 941	31 050	4 163	7 459	5 682	1 780
	1958	164	91 137	26 580	3 925	6 772	5 290	1 482
	1957	154	96 174	26 280	3 559	7 385	5 852	1 533
	1956	158	96 734	28 849	3 708	7 780	6 029	1 751
	1955	146	86 182	22 893	3 194	7 167	5 510	1 657
Penobscot	1959	230	196 528	48 037	4 371	10 991	8 504	2 486
	1958	218	179 830	41 474	4 086	10 150	7 945	2 205
	1957	206	189 271	42 786	3 903	10 963	8 674	2 289
	1956	225	207 820	45 176	3 717	12 153	9 909	2 244
	1955	194	186 998	43 103	3 495	12 334	10 013	2 321
Piscataquis	1959	65	17 608	6 270	3 389	1 850	1 486	365
	1958	75	19 181	6 092	3 163	1 926	1 553	373
	1957	63	21 891	6 314	3 357	1 881	1 443	438
	1956	53	16 518	5 054	3 064	1 650	1 237	413
	1955	57	15 830	4 524	2 664	1 698	1 306	392

APPENDIX E: Comparative Data by Major Industry* and County,** 1955-59 (continued)

Type of Industry or County	Year	Number of Reporting Establish- ments	Value of Product (000's)	Gross Wages Paid (000's)	Average Annual Earnings	Total	Male	Female
Sagadahoc	1959	38	\$ 75 501	\$ 20 123	\$ 4 813	4 181	3 662	519
	1958	38	77 365	19 609	4 738	4 139	3 635	504
	1957	33	64 513	17 289	4 322	4 000	3 483	517
	1956	37	61 766	16 959	4 411	3 845	3 348	497
	1955	32	56 034	15 459	3 904	3 960	3 522	438
Somerset	1959	167	69 640	20 432	3 360	6 081	4 275	1 806
	1958	157	59 269	17 658	3 187	5 541	3 667	1 874
	1957	166	76 187	20 382	3 230	6 311	4 355	1 956
	1956	136	62 547	23 152	3 279	7 090	5 034	2 056
	1955	126	60 561	20 585	2 864	7 186	4 968	2 218
Waldo	1959	78	43 614	6 302	3 088	2 041	1 367	674
	1958	75	38 697	5 456	2 965	1 840	1 201	639
	1957	69	35 620	5 241	2 824	1 856	1 257	599
	1956	64	32 918	5 001	2 768	1 807	1 197	610
	1955	67	29 464	3 856	2 557	1 508	965	543
Washington	1959	125	41 332	7 931	3 120	2 542	1 673	869
	1958	124	43 483	8 048	2 973	2 707	1 763	944
	1957	116	44 598	8 565	3 047	2 811	1 832	979
	1956	109	43 171	8 883	2 803	3 167	2 076	1 091
	1955	106	37 474	7 762	2 528	3 070	2 015	1 055
York <u>1/</u>	1959	185	104 617	81 841	4 754	17 216	13 078	4 138
	1958	181	106 150	73 840	4 256	17 350	13 264	4 086
	1957	152	119 174	73 416	3 959	18 546	14 011	4 535
	1956	160	131 709	69 622	3 760	18 519	13 851	4 668
	1955	138	104 291	65 593	3 510	18 690	14 009	4 681

* 1945 Standard Industrial Classification

** 1957 Standard Industrial Classification

1/ Includes Kittery Naval Shipyard, except Value of Product

APPENDIX E-1: Comparative Data by Major Industry (1957 SIC)

Industry	Year	Number of Reporting Establish- ments	Value of Product (000's)	Gross Wages Paid (000's)	Average Annual Earnings	Total Employ- ment
All Manufacturing	1959	2 463	\$ 1 484 973	\$ 411 261	\$ 3 909	105 200
	1958	2 417	1 349 029	370 458	3 650	101 498
	1957	2 186	1 374 084	371 822	3 551	104 717
Food and Kindred Products	1959	473	274 734	36 972	3 137	11 787
	1958	455	249 822	34 648	3 006	11 527
	1957	326	210 115	29 285	3 027	9 674
Textile Mill Products	1959	74	194 454	47 042	3 321	14 164
	1958	73	161 700	40 756	2 984	13 658
	1957	74	195 450	48 000	3 135	15 309
Apparel and other Finished Products	1959	56	17 815	6 298	2 411	2 612
	1958	60	15 820	6 132	2 349	2 610
	1957	62	15 074	5 954	2 340	2 545
Lumber and Wood Products (except Furniture)	1959	992	117 465	39 788	3 153	12 620
	1958	1 005	110 201	35 743	2 982	11 936
	1957	958	136 950	42 805	3 030	14 129
Furniture and Fixtures	1959	57	12 123	3 997	3 359	1 190
	1958	55	10 114	3 601	3 449	1 044
	1957	51	9 534	2 884	3 105	929
Paper and Allied Products	1959	50	397 462	92 496	5 481	16 875
	1958	49	363 825	83 578	5 000	16 716
	1957	51	381 527	82 412	4 691	17 567

APPENDIX E-1: Comparative Data by Major Industry (continued)

Industry	Year	Number of Reporting Establishments	Value of Product (000's)	Gross Wages Paid (000's)	Average Annual Earnings	Total Employment
Printing, Publishing and Allied Industries	1959	168	\$ 24 296	\$ 8 576	\$ 3 805	2 254
	1958	153	22 781	8 070	3 750	2 152
	1957	156	21 320	7 419	3 624	2 047
Chemicals and Allied Products	1959	49	19 098	2 900	3 882	747
	1958	52	16 844	2 433	3 813	638
	1957	47	14 322	2 218	3 444	644
Products of Petroleum and Coal	1959	5	902	68	4 004	17
	1958	5	1 410	258	3 583	72
	1957	5	975	43	3 105	14
Rubber Products	1959	19	11 279	2 188	3 452	634
	1958	17	9 794	2 061	3 597	573
	1957	12	6 694	1 513	3 051	496
Leather and Leather Products	1959	120	236 202	68 291	3 008	22 702
	1958	129	198 010	59 421	2 828	21 014
	1957	128	196 716	59 392	2 830	20 989
Stone, Clay, and Glass Products	1959	81	16 313	4 311	4 063	1 061
	1958	68	13 655	3 622	3 600	1 006
	1957	54	11 960	3 179	3 794	838
Primary Metal Industries	1959	10	7 131	1 744	3 991	437
	1958	10	5 797	1 450	3 528	411
	1957	12	7 030	1 655	3 711	446
Fabricated Metal Products	1959	67	33 703	8 044	4 634	1 736
	1958	68	34 242	7 376	4 293	1 718
	1957	64	36 798	8 116	4 026	2 016
Machinery (except Electrical Machinery) and Ordnance	1959	49	15 149	5 483	4 270	1 284
	1958	49	23 654	10 328	4 564	2 263
	1957	51	38 614	17 090	4 440	3 849
Electrical Machinery	1959	16	10 657	2 658	3 466	767
	1958	12	11 152	2 674	3 537	756
	1957	8	13 151	3 077	3 185	966
Transportation Equipment ^{1/}	1959	94	85 521	77 248	5 780	13 364
	1958	95	90 033	65 620	5 237	12 530
	1957	86	70 070	54 691	4 682	11 680
Professional, Scientific and Controlling Instruments, etc.	1959	19	2 523	700	4 071	172
	1958	19	1 785	491	3 458	142
	1957	18	1 864	545	3 495	156
Miscellaneous Manufacturing Industries	1959	64	8 146	2 456	3 161	777
	1958	63	8 486	2 414	3 127	772
	1957	52	10 074	2 750	3 354	820

^{1/} Kittery Naval Shipyard included except Value of Product

APPENDIX F: Investment in Plant Modernization and Expansion, Maine Manufacturers

This is a tabulation of the values reported by Maine manufacturing establishments representing the amounts spent to expand or modernize their physical plant and/or the machinery and equipment therein. Current year figures are found in the main body.

The values are those reported by the individual firms or establishments and are classified according to industry, county, and size of establishment.

Certain values, however, must be used with care. The most questionable figure is that under lumber and wood products which is separated into two groups: Sawmills and logging establishments and wood products. The reason for this is the fact that the former group relocate and establish new mills and camps, or purchase equipment on a basis that is not comparable to the more stationary type of industry, hence the separation so that the values for that group may be pulled out if desired.

APPENDIX F: Investment in Plant Modernization and Expansion, Maine Manufacturers (continued)

Amounts Spent ('000's omitted)

Industry	1955	1956	1957	1958	1959
<u>GRAND TOTAL</u>	<u>\$ 55 959</u>	<u>\$ 62 908</u>	<u>\$ 65 181</u>	<u>\$ 39 513</u>	<u>\$ 48 859</u>
Food and Kindred Products	3 757	5 418	2 811	4 276	4 146
Textile Mill Products	3 282	3 123	2 371	3 350	2 830
Apparel	160	623	268	61	103
Lumber and Wood Products	3 248	5 662 ^{2/}	2 454 ^{3/}	2 999 ^{4/}	6 476 ^{5/}
Furniture and Fixtures	172	134	435	540	344
Paper and Allied Products	33 540	28 460	45 905	20 089	24 819
Printing and Publishing, etc.	862	426	570	802	724
Chemicals	381	4 766	2 099	686	1 148
Petroleum and Rubber Products	44	67	66	725	441
Leather and Leather Products	4 085	2 499	1 893	1 546	1 762
Stone, Clay, and Glass Products	453	767	382	783	848
Primary Metal Industries	160	227	121	74	154
Fabricated Metal Products	462	1 538	581	699	445
Non-Electric Machinery and Ordnance	1 711	1 848	881	378	318
Electrical Machinery	88	441	262	275	385
Transportation Equipment ^{1/}	3 377	6 652	3 453	2 133	3 867
"Scientific Instruments"	9	106	103	29	10
Miscellaneous Manufacturing	168	151	526	68	39

County					
Androscoggin	2 511	3 270	2 940	2 401	2 670
Aroostook	2 207	3 466	4 176	1 860	5 024
Cumberland	3 747	5 392	5 660	6 911	5 463
Franklin	1 232	965	1 148	1 637	823
Hancock	346	1 296	591	1 035	1 370
Kennebec	12 282	5 131	2 853	2 197	4 199
Knox	630	844	462	687	1 340
Lincoln	2 484	99	265	229	131
Oxford	3 806	5 363	6 656	4 582	8 974
Penobscot	16 873	11 929	23 803	10 301	8 248
Piscataquis	367	635	896	962	1 274
Sagadahoc	1 368	2 375	933	1 050	1 350
Somerset	1 656	2 631	1 015	1 208	1 839
Waldo	401	4 816	1 976	784	560
Washington	2 044	7 527	7 363	720	1 292
York ^{1/}	4 005	7 169	4 444	2 949	4 302

(Establishments Employing)

0 - 50	5 785	6 492	4 329	5 397	6 384
51 - 100	2 104	2 378	2 108	2 382	3 560
101 - 250	3 882	8 254	5 564	4 816	3 623
251 - 500	4 331	4 668	16 771	7 915	3 429
501 - 1000	19 325	18 784	7 425	5 461	12 609
1001 and over	14 525	15 771	26 738	11 879	13 814
Combined Reporting	6 007	6 561	2 246	1 663	5 440

- ^{1/} Includes Kittery Naval Shipyard
- ^{2/} Includes \$3,990,000 for logging and sawmill establishments
- ^{3/} Includes \$1,690,000 for logging and sawmill establishments
- ^{4/} Includes \$1,964,000 for logging and sawmill establishments
- ^{5/} Includes \$4,700,000 for logging and sawmill establishments

APPENDIX G: Number of Workers under a Union Contract

Each year, in order to ascertain the extent of union organization in Maine manufacturing plants, the Census report asks for the number of workers covered by a labor-management contract. The figure furnished represents only one pay period (usually the final period of the year), while the comparative figure of total employment is the average for the year; current year data will be found in the main body of this report.

APPENDIX G: Number of Workers under a Union Contract (continued)

Number of Organized Workers					
Industry	1955	1956	1957	1958	1959
<u>GRAND TOTAL</u>	<u>46 887</u>	<u>47 346</u>	<u>43 954</u>	<u>43 202</u>	<u>44 399</u>
Food and Kindred Products	980	1 308	1 151	1 533	1 442
Textile Mill Products	12 254	10 997	8 195	7 379	7 603
Apparel	1 059	1 100	1 584	1 530	1 585
Lumber and Wood Products	1 766	2 361	1 899	1 419	1 510
Furniture and Fixtures	43	77	82	343	420
Paper and Allied Products	12 448	12 491	12 018	11 741	11 977
Printing and Publishing, etc.	611	548	598	629	612
Chemicals	72	74	87	236	280
Petroleum and Rubber Products	None	None	None	237	276
Leather and Leather Products	4 984	4 846	4 927	4 176	4 418
Stone, Clay, and Glass Products	589	526	377	363	370
Primary Metal Industries	171	148	118	284	291
Fabricated Metal Products	1 049	1 354	1 388	1 023	1 011
Non-Electrical Machinery	2 667	2 455	2 002	1 142	439
Electrical Machinery	None	None	None	None	None
Transportation Equipment ^{1/}	8 194	9 061	9 402	10 852	11 986
"Scientific Instruments"	None	None	None	None	None
Miscellaneous Manufacturing	None	None	126	315	179

County					
Androscoggin	8 478	8 420	7 906	6 909	7 004
Aroostook	918	945	812	814	854
Cumberland	3 279	3 191	3 183	3 367	3 250
Franklin	758	845	773	779	919
Hancock	737	727	716	732	728
Kennebec	7 036	5 891	5 991	5 564	5 514
Knox	771	785	818	876	831
Lincoln	6	80	37	143	None
Oxford	2 721	3 565	3 556	2 948	3 225
Penobscot	5 350	5 518	4 659	4 520	4 601
Piscataquis	386	378	206	206	256
Sagadahoc	2 484	2 419	2 586	2 737	2 789
Somerset	1 097	1 147	653	596	626
Waldo	212	370	230	523	681
Washington	620	586	612	644	590
York ^{1/}	12 034	12 479	11 216	11 842	12 531

(Establishments Employing)

0 - 50	694	771	660	739	651
51 - 100	1 519	1 535	1 567	1 832	1 297
101 - 250	4 776	5 048	4 773	4 686	4 678
251 - 500	8 363	7 212	7 580	7 711	8 695
501 - 1000	6 346	8 847	9 067	8 094	9 034
1001 and over ^{1/}	15 728	17 154	15 621	16 635	16 917
Combined Reporting	8 044	5 371	4 352	3 505	3 127
Did not operate or discontinued during year	1 417	1 408	334	None	None

^{1/} Includes Kittery Naval Shipyard

APPENDIX H: Trends in Major Maine Industries, 1952-59

The fluctuations in product values in Maine's five major industry groups: Paper, leather, food, lumber and textiles have aroused considerable interest among economists and other students of the economy. In order to facilitate analysis by those interested in such data we are presenting here a tabular picture of those industrial groups, both the raw data and adjusted data are included. The applicable Wholesale Price Index (U. S. Department of Labor, Bureau of Labor Statistics, 1947-49 equals 100) is used for deflation by industry groups. Wage data is adjusted by the reciprocal series Purchasing Power Of The Dollar.

APPENDIX H: Trends in Major Maine Industries, 1952-59 (continued)

The data are here presented for the years 1952 through 1959; 1960 data is shown in the main body of this report. (1949-51 data are shown in the Census of Maine Manufactures, 1959)

	1952	1953	1954	1955	1956	1957	1958	1959
Raw Value of Product (in millions of dollars)								
All Manufacturing	1128.5	1169.2	1138.8	1245.1	1390.9	1378.2	1343.7	1485.0
Paper	248.1	285.2	292.7	334.6	395.6	381.5	364.3	397.5
Leather	146.8	143.7	148.8	168.5	180.6	197.3	197.5	236.2
Food	145.6	145.0	153.5	167.6	191.4	207.7	222.3	274.7
Lumber	127.2	126.7	110.0	136.2	144.7	136.9	109.6	117.5
Textiles	273.4	256.4	219.8	217.0	214.7	201.2	165.9	194.5

Deflated Value of Product (in millions of dollars)								
All Manufacturing	1011.2	1061.9	1032.5	1124.8	1216.9	1171.9	1127.2	1242.7
Paper	213.0	245.7	251.7	280.5	311.0	294.6	278.1	300.7
Leather	151.0	145.9	158.0	179.6	181.9	198.3	196.3	206.7
Food	133.8	138.6	145.8	164.8	188.2	196.7	200.4	256.8
Lumber	105.7	105.4	93.2	110.2	115.4	115.0	93.1	93.4
Textiles	273.9	263.5	230.9	227.7	225.3	210.9	177.4	204.7

Raw Gross Wages Paid (in millions of dollars)								
All Manufacturing	336.3	344.0	317.3	343.8	373.2	373.0	369.2	411.3
Paper	54.2	64.6	67.8	76.6	81.3	82.4	83.8	92.5
Leather	43.8	44.0	44.4	51.8	57.3	59.5	59.3	68.3
Food	21.6	22.9	23.7	24.6	27.9	28.8	30.7	37.0
Lumber	42.6	39.8	31.9	43.3	49.4	42.8	35.5	39.8
Textiles	70.9	71.5	57.9	52.9	53.3	49.4	41.8	47.0

Deflated Gross Wages Paid (in millions of dollars)								
All Manufacturing	301.3	312.4	287.8	310.5	326.6	311.1	309.4	330.2
Paper	48.6	58.7	61.5	69.2	71.1	68.7	70.2	74.3
Leather	39.2	40.0	40.3	46.8	50.1	49.6	49.7	54.8
Food	19.4	20.8	21.5	22.2	24.4	24.0	25.7	29.7
Lumber	38.2	36.1	28.9	39.1	43.2	35.7	29.7	31.9
Textiles	63.5	64.9	52.5	47.8	46.6	41.2	35.0	37.8

Wholesale Price Index and Related Data, 1947-49=100
(U. S. Department of Labor, Bureau of Labor Statistics)

All Commodities	111.6	110.1	110.3	110.7	114.3	117.6	119.2	119.5
Pulp, Paper and Allied Products	116.5	116.1	116.3	119.3	127.2	129.5	131.0	132.2
Hides, Skins, and Leather Products	97.2	98.5	94.2	93.8	99.3	99.5	100.6	114.3
Processed Foods	108.8	104.6	105.3	101.7	101.7	105.6	110.9	107.0
Lumber and Wood Products	120.3	120.2	118.0	123.6	125.4	119.0	117.7	125.8
Textile and Apparel	99.8	97.3	95.2	95.3	95.3	95.4	93.5	95.0

Estimated Average Employment and Average Gross Wages, All Maine Manufacturing

Employment ^{1/}	115.5	114.3	106.0	106.7	110.1	107.5	100.3	103.5
Raw Average Gross Wages (\$)	2 912	3 010	2 993	3 222	3 415	3 470	3 681	3 974
Deflated Average Gross Wage (\$)	2 609	2 733	2 715	2 910	2 988	2 894	3 085	3 191

^{1/} In order to eliminate any inconsistency resulting from the change in methodology of obtaining the annual average employment instituted in the Census of Maine Manufactures in 1955, we have used the Estimates of Nonagricultural Employment, Manufacturing, made

APPENDIX H: Trends in Major Maine Industries, 1952-59 (continued)

1/ by the Maine Employment Security Commission and the (U. S.) Bureau of Labor Statistics.

NOTE: The index "Purchasing Power of the Dollar" is used to deflate the wage data. For the years 1952-59, the purchasing power index is 89.6, 90.8, 90.7, 90.3, 87.5, 83.4, 83.8 and 80.3, respectively.

APPENDIX I: Capital Outlay for Plant and Equipment in Maine Manufacturing Establishments by Category, 1960-1962
(Actual expenditures in 1960 and planned expenditures for 1961 and 1962 as of the 1960 Census schedule)

In the analysis of the economy of Maine, or for that matter, any economic entity, it is important to have some idea of the confidence in the economic unit as expressed in terms of actual and planned capital investment for plant and equipment. Judicious appraisal of such data may well indicate a need for action in the areas of activity that appear to be dormant or stagnant...primarily such action would consist of further investigation as to casual factors. No attempt is made here to infer anything beyond the raw data presented and it might be well to note that these data may differ slightly from those presented in the main body of the Census as these were tabulated prior to the inclusion of late reports.

Some 1255 establishments reported capital investment for either plant or equipment during the three year span (i. e., in any one or more of the three years covered, 1960, 1961 or 1962), remembering that the two latter years represent plans and not necessarily commitments. These establishments represented 1.325 billion dollars worth of product value in 1960 and paid out some 378 million dollars in wages to approximately 91 thousand workers during the year. Separating these data by years of investment we find that expenditures in 1960 were reported by 1181 establishments employing 90 thousand workers who produced 1.308 billion dollars worth of product and received wages totalling 375 million dollars. Investment plans for 1961 were reported by 591 establishments which produced 917 million dollars worth of product with employment of 61 thousand workers to whom 279 million dollars were paid in wages. The plans for 1962 were reported by firms producing 587 million dollars worth of product in 338 establishments where 34 thousand workers received 144 million dollars in wages.

Of the total investment in 1960 of some 62 million dollars, \$13 million or 21.4% was for erection, alteration or addition to structures; \$1 million or 1.7% was for purchase of structures and the remaining \$48 million or 76.9% was for machinery and equipment. The plans for 1961 include \$42 millions or 78.6% for machinery and equipment, and \$12 million structures, 21.4% of the \$54 million total for the year. The 1962 reported plans total just over \$20 millions of which \$18 millions or 87.7% is for machinery and equipment with the balance of about \$2 millions for structures.

TABLE I-1: Coverage

	1960			
	Value of Product (000's) \$	Gross Wages Paid (000's) \$	Employment	Number of Establishments
Total	1 324 706	378 074	90 988	1 255
Food	247 340	32 683	10 201	286
Textiles and Apparel	184 527	48 725	14 382	71
Lumber and Wood Products (Inc. Furniture)	44 724	16 114	5 217	137
Logging and Sawmills	62 181	17 787	4 806	328
Paper	399 472	87 116	15 341	33
Leather	192 535	56 470	19 080	85
Metals and Machinery (Inc. Electrical)	60 876	15 787	3 687	82
All Other 1/	133 051	103 392	18 274	233
Androscoggin	155 274	43 186	13 484	137
Cumberland	226 501	54 108	13 132	186
Kennebec	173 254	33 380	8 816	86
Penobscot	160 327	33 666	7 258	101
York 1/	85 663	87 923	16 561	101
All Other	523 687	125 811	31 737	644
100 or Less	259 161	53 850	16 455	917
101 - 500	438 163	101 132	29 496	132
501 - 1000	353 457	82 572	19 007	24
1001 and Over	134 301	102 376	16 805	6
Combined Reporting and All Other	139 624	38 144	9 225	176

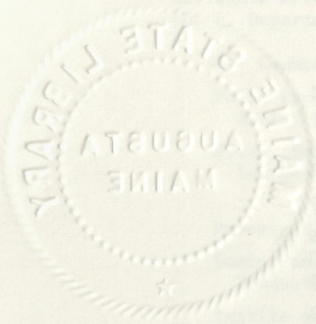
1/ Includes Kittery Naval Shipyard except Value of Product

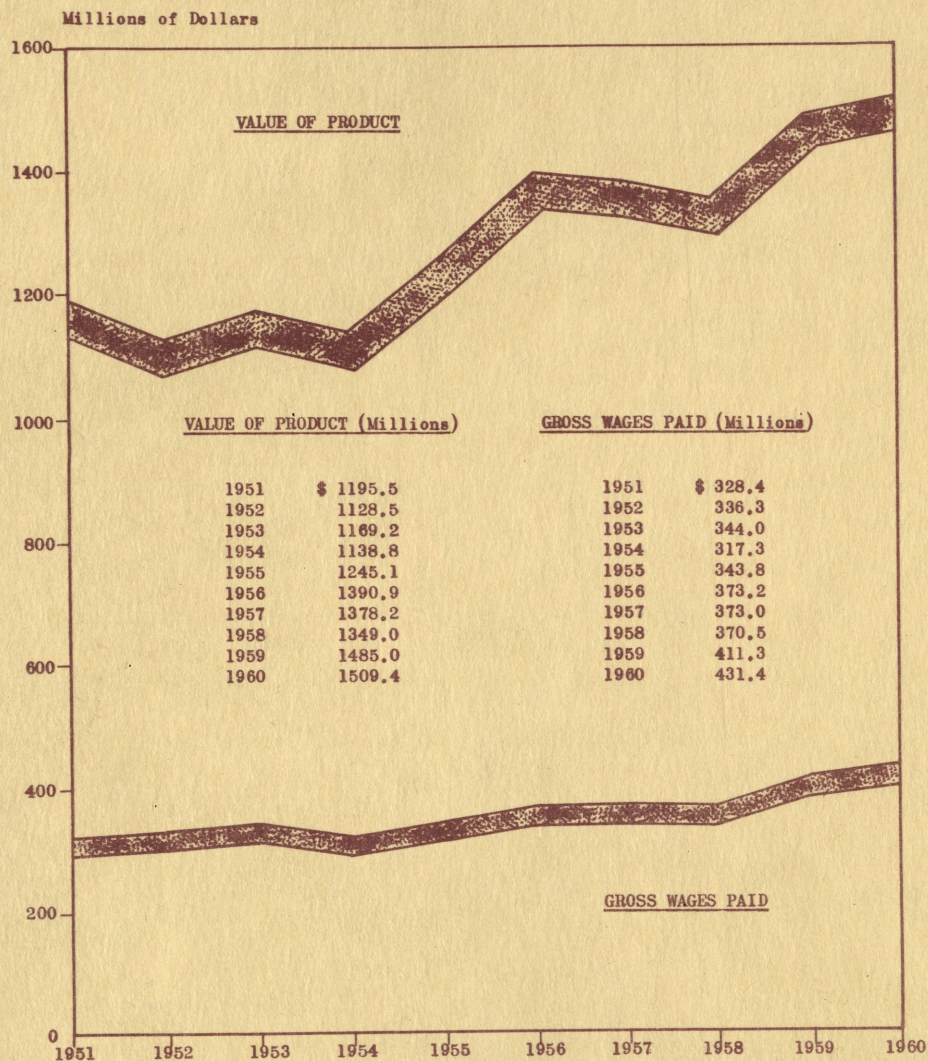
APPENDIX I: Capital Outlay for Plant and Equipment, etc. (continued)

TABLE I-2: Expenditures and Plans, by Category

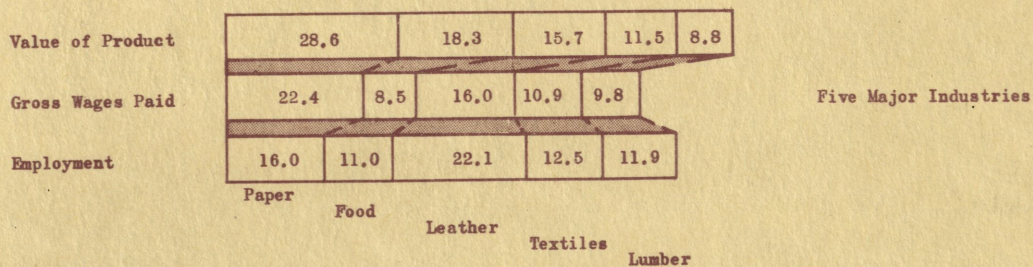
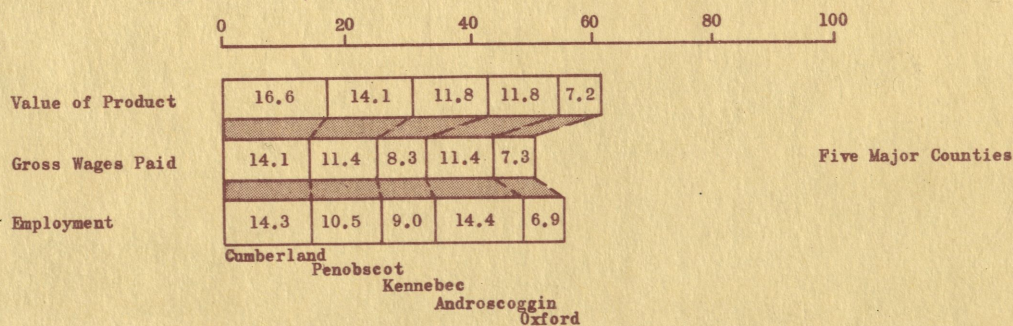
	Total Expenditures and Plans			Machinery and Equipment ^{2/}		
	1960 (000's)\$	1961 (000's)\$	1962 (000's)\$	1960 (000's)\$	1961 (000's)\$	1962 (000's)\$
Total	62 472	53 800	20 332	47 883	42 250	17 832
Food	6 014	3 281	1 229	4 706	2 020	939
Textiles and Apparel	4 199	1 241	308	3 604	1 170	289
Lumber and Wood Products (Inc. Furniture)	1 644	672	412	841	530	195
Logging and Sawmills	3 814	2 973	1 451	2 966	2 331	1 294
Paper	34 756	36 953	13 483	26 818	29 731	12 135
Leather	3 699	1 021	690	2 737	918	677
Metals and Machinery (Inc. Electrical)	1 971	2 785	907	1 545	2 200	841
All Other	6 375	4 874	1 852	4 666	3 350	1 462
Androscoggin	3 997	3 233	1 561	3 696	2 877	1 337
Cumberland	5 763	5 048	3 751	4 397	3 579	2 867
Kennebec	4 979	5 723	2 064	4 248	5 087	1 820
Penobscot	9 448	11 306	1 506	5 896	7 084	1 505
York	4 942	2 766	275	4 087	2 308	253
All Other	33 343	25 724	11 175	25 559	21 315	10 050
100 or Less	10 670	4 419	2 453	7 811	2 847	1 894
101 - 500	10 346	7 286	3 196	8 069	5 983	2 714
501 - 1000	17 131	24 194	6 388	14 000	22 488	6 227
1001 and Over	20 272	14 623	7 230	15 197	8 435	6 000
Combined Reporting and All Other	4 053	3 278	1 066	2 806	2 497	997

^{2/} Note that the balance of expenditure (actual and planned) is for the purchase, erection, alteration or addition to structures.

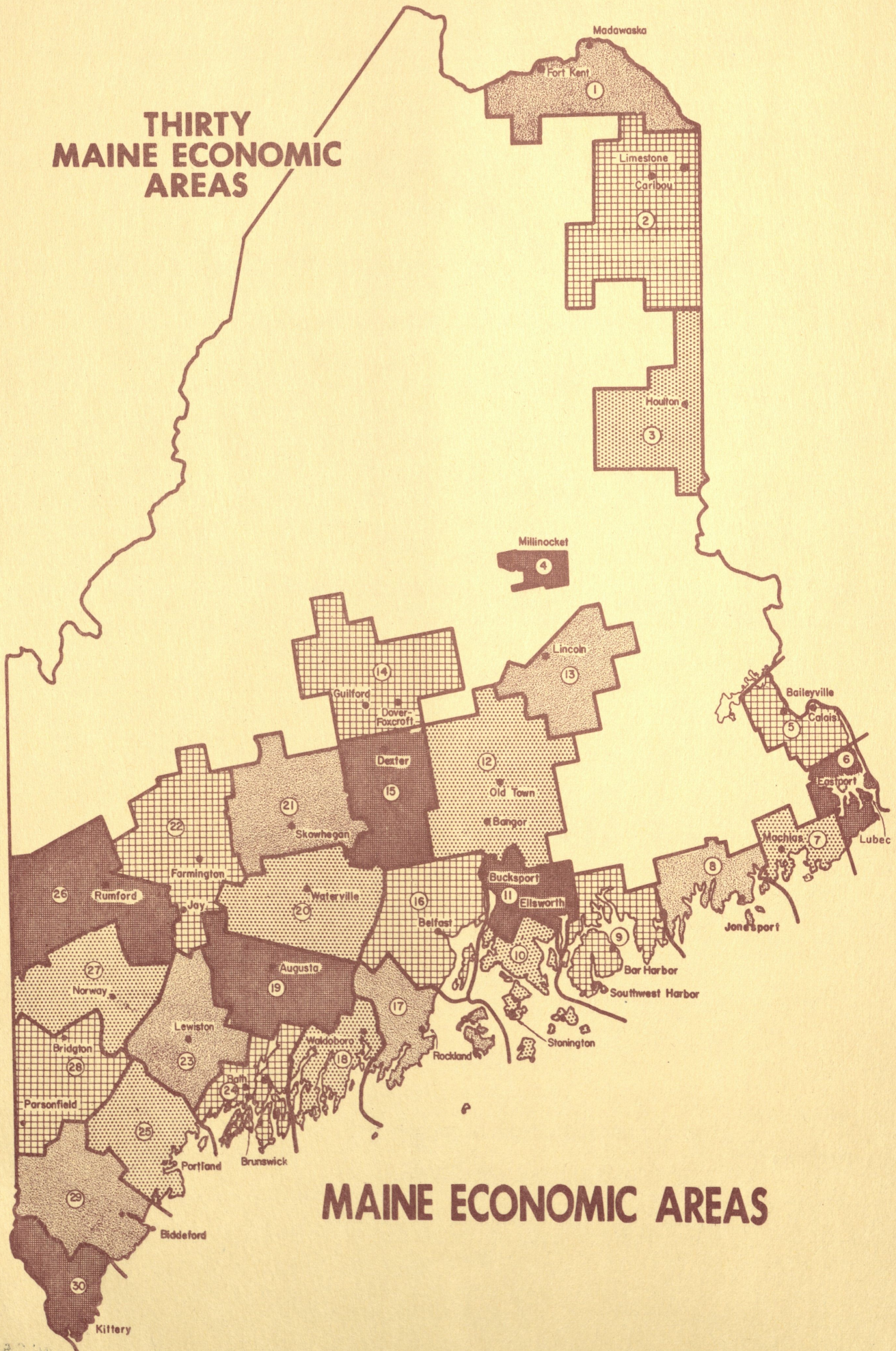




VALUE OF PRODUCT, GROSS WAGES PAID, AND EMPLOYMENT IN 1960 BY MAJOR COUNTY AND INDUSTRY



THIRTY MAINE ECONOMIC AREAS



MAINE ECONOMIC AREAS